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SPRING • 1938



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U. S. Department of Agriculture

6235



NEW GIANT
IMPERIAL
LARKSPURS
Mixed. Pkt. 10c

SEEDS • IMPLEMENTS • DAIRY and POULTRY SUPPLIES

KENDALL & WHITNEY

Established 1858

Federal and Temple Streets

PORTLAND, MAINE

NEW THIS YEAR—*Added Direct Mail Feature*



K. & W. Grass Seed Mixtures

TESTED FOR PURITY AND GROWING QUALITIES

As there are only a very few of the many grass species suitable for lawns, we have prepared mixtures containing only the types best adapted to the various needs.

Our various mixtures contain not only the best grasses for the particular requirement, but are made up of especially selected clean seed, sure to germinate and produce the green carpet desired.

Best results are obtained by using one pound (or quart) to 200 to 300 square feet, although the same quantity on 400 to 500 square feet will produce a nice lawn but not so thick.

Old lawns can be renewed with about half of the above quantities. Loosen the soil as much as possible with a rake, without tearing out too much of the established grass, sow the seed and roll at once.

USE QUALITY SEED

K. & W. Evergreen Lawn Mixture

Especially selected grasses for the home lawn, producing a rich, green turf.

Lb. 40c.; 5 lbs. \$1.90; 100 lbs. \$35.00

K. & W. Fair Green Mixture

Just the thing for that walk from tee to green.

Lb. 30c.; 100 lbs. \$28.00

K. & W. Shady Spot Lawn Mixture

A mixture of grasses which will succeed in the shady places.

Lb. 50c.; 100 lbs. \$45.00

K. & W. Putting Green Mixture

This mixture produces the fine tough turf wanted on the putting green.

Lb. 80c.; 100 lbs. \$75.00

DON'T BUY CHEAP SEED

Good seed costs money to produce and demands a fair price. Cheap seed is a waste of money—it either contains a lot of chaff to make bulk, or weed seed and other foreign matter to make weight; or, in many cases, cheap mixtures are made up of common grasses which might produce good hay but have no place in a lawn.

KENDALL & WHITNEY

SEEDS — AGRICULTURAL
IMPLEMENTS

DAIRY and POULTRY SUPPLIES
1938.

For many years, our modern, conveniently located store and warehouse has been the headquarters for those interested in quality Seeds, Agricultural Implements, Dairy and Poultry Supplies.

In this, our 1938 Catalog, we are offering to you the highest quality flower, vegetable and farm seeds. All varieties, novelty and standard, have been tested and found to be adapted to New England conditions.

You will also find offered a complete line of horticultural supplies, fertilizers, fungicides, and insecticides. Our Dairy, Poultry and Farm Implement Departments are in a position to supply you with the highest quality merchandise, at a reasonable and fair price.

MAIL ORDER

An added feature to the catalog this year is the prepaid pricing of such items as may be shipped by parcel post.

By this method the customer can buy by mail with the knowledge of complete cost at all times.



From 1858 to 1887.

Since 1858, a period of eighty years, we have faithfully served the gardeners, farmers and poultrymen of New England. We have appreciated your orders and trust that we will be favored with your patronage this year.

KENDALL & WHITNEY



The outstanding, reliable seed, implement and agricultural supply store in Maine.
Same Location — 1887 to 1938.

Our Merchandising Policy

Order Early

It is suggested that customers consider the advantages of ordering early and as soon as possible after receipt of this, the 1938 K & W Catalog. Experience of past years brings this suggestion to the fore and when in the rush of the season it is impossible to fill the entire order, (because of heavy call on certain articles) such items as are missing, will not hold up shipment but will go forward by separate parcel within a few days.

Stock Seed

A large part of our seeds are grown for us on contract by special growers, from our own stock, and in locations best suited for their development. Others are secured from strictly reliable sources and constant effort is made to secure only the best.

Free Delivery of Seeds

We will send by Parcel Post, to any part of the United States, all Vegetable and Flower Seeds quoted in this catalog, at packet, ounce, quarter-pound, half-pound rates, free of expense to the purchaser, excepting heavy seeds such as Peas, Beans, Corn, Roots, etc. These are quoted at net prices at our store. Purchasers desiring these by mail are requested to remit an additional amount sufficient to cover postage, at parcel post rates according to zone. Allow two pounds in weight for each quart of Peas, Beans, or Corn. Particular attention is invited to this, as, when omitted the cost of postage will be deducted from the amount received.

Shipping

We deliver free to Express, Railroad or Boat. All goods travel at buyer's risk; our responsibility ceases when we take the carrier's receipt. If goods are damaged, so sign for them and enter claim with the carrier at once.

Bags

On orders for seed requiring bags the cloth bags are charged for at cost and if returned in good condition, charges prepaid, will be credited at price charged on all except wholesale orders.

Remittance

May be made by Express Money Order, Post Office Money Order or Bank Draft; if stamps or cash send in a Registered Letter. Parties having no account with us—who order goods without remittance—must furnish satisfactory reference. Portland reference preferred.

Prices

The pricing of all articles in the K & W 1938 Catalog is carried out in good faith and it is our wish that they be maintained, but there are rare cases in which it is impossible to foresee a decline or rise in the producer's charge to us. ALL PRICES ARE NET and subject to change without notice in such instances of purchase as are beyond our control. Where seeds or equipment are for resale by the retailer, freight or express should be considered and added when quoting to the prospective purchaser.

Attention

All correspondence answered promptly.
Telephone orders given immediate attention. Call Portland, Dial 3-4796.

Non-Warranty

We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send and we will not be responsible for the crop.

PARCEL POST RATES

Add Postage to your order as indicated below—if required. See Free Delivery on this page.

Weight Lbs.	ZONES							
	Local	1st-2d	3d	4th	5th	6th	7th	8th
1....	\$.07	\$.08	\$.09	\$.10	\$.11	\$.12	\$.14	\$.15
2....	.08	.10	.11	.14	.17	.19	.23	.26
3....	.08	.11	.13	.17	.22	.26	.32	.37
4....	.09	.12	.15	.21	.27	.33	.41	.48
5....	.09	.13	.17	.24	.33	.40	.50	.59
6....	.10	.14	.19	.28	.38	.47	.59	.70
7....	.10	.15	.21	.31	.43	.54	.68	.81
8....	.11	.16	.23	.35	.49	.61	.77	.92
9....	.11	.17	.25	.38	.54	.68	.86	1.03
10....	.12	.18	.27	.42	.59	.75	.95	1.14
11....	.12	.19	.29	.45	.64	.82	1.04	1.25
12....	.13	.21	.31	.49	.70	.89	1.13	1.36
13....	.13	.22	.33	.52	.75	.96	1.22	1.47
14....	.14	.23	.35	.56	.80	1.03	1.31	1.58
15....	.14	.24	.37	.59	.86	1.10	1.40	1.69
16....	.15	.25	.39	.63	.91	1.17	1.49	1.80
17....	.15	.26	.41	.66	.96	1.24	1.58	1.91
18....	.16	.27	.43	.70	1.02	1.31	1.67	2.02
19....	.16	.28	.45	.73	1.07	1.38	1.76	2.13
20....	.17	.29	.47	.77	1.12	1.45	1.85	2.24
21....	.17	.30	.49	.80	1.17	1.52	1.94	2.35
22....	.18	.32	.51	.84	1.23	1.59	2.03	2.46
23....	.18	.33	.53	.87	1.28	1.66	2.12	2.57
24....	.19	.34	.55	.91	1.33	1.73	2.21	2.68
25....	.19	.35	.57	.94	1.39	1.80	2.30	2.79
26....	.20	.36	.59	.98	1.44	1.87	2.39	2.90
27....	.20	.37	.61	1.01	1.49	1.94	2.48	3.01
28....	.21	.38	.63	1.05	1.55	2.01	2.57	3.12
29....	.21	.39	.65	1.08	1.60	2.08	2.66	3.23
30....	.22	.40	.67	1.12	1.65	2.15	2.75	3.34
31....	.22	.41	.69	1.15	1.70	2.22	2.84	3.45
32....	.23	.43	.71	1.19	1.76	2.29	2.93	3.56
33....	.23	.44	.73	1.22	1.81	2.36	3.02	3.67
34....	.24	.45	.75	1.26	1.86	2.43	3.11	3.78
35....	.24	.46	.77	1.29	1.92	2.50	3.20	3.89
36....	.25	.47	.79	1.33	1.97	2.57	3.29	4.00
37....	.25	.48	.81	1.36	2.02	2.64	3.38	4.11
38....	.26	.49	.83	1.40	2.08	2.71	3.47	4.22
39....	.26	.50	.85	1.43	2.13	2.78	3.56	4.33
40....	.27	.51	.87	1.47	2.18	2.85	3.65	4.44
41....	.27	.52	.89	1.50	2.23	2.92	3.74	4.55
42....	.28	.54	.91	1.54	2.29	2.99	3.83	4.66
43....	.28	.55	.93	1.57	2.34	3.06	3.92	4.77
44....	.29	.56	.95	1.61	2.39	3.13	4.01	4.88
45....	.29	.57	.97	1.64	2.45	3.20	4.10	4.99
46....	.30	.58	.99	1.68	2.50	3.27	4.19	5.10
47....	.30	.59	1.01	1.71	2.55	3.34	4.28	5.21
48....	.31	.60	1.03	1.75	2.61	3.41	4.37	5.32
49....	.31	.61	1.05	1.78	2.66	3.48	4.46	5.43
50....	.32	.62	1.07	1.82	2.71	3.55	4.55	5.54
51....	.32	.63	1.09	1.85	2.76	3.62	4.64	5.65
52....	.33	.65	1.11	1.89	2.82	3.69	4.73	5.76
53....	.33	.66	1.13	1.92	2.87	3.76	4.82	5.87
54....	.34	.67	1.15	1.96	2.92	3.83	4.91	5.98
55....	.34	.68	1.17	1.99	2.98	3.90	5.00	6.09
56....	.35	.69	1.19	2.03	3.03	3.97	5.09	6.20
57....	.35	.70	1.21	2.06	3.08	4.04	5.18	6.31
58....	.36	.71	1.23	2.10	3.14	4.11	5.27	6.42
59....	.36	.72	1.25	2.13	3.19	4.18	5.36	6.53
60....	.37	.73	1.27	2.17	3.24	4.25	5.45	6.64
61....	.37	.74	1.29	2.20	3.29	4.32	5.54	6.75
62....	.38	.76	1.31	2.24	3.35	4.39	5.63	6.86
63....	.38	.77	1.33	2.27	3.40	4.46	5.72	6.97
64....	.39	.78	1.35	2.31	3.45	4.53	5.81	7.08
65....	.39	.79	1.37	2.34	3.51	4.60	5.90	7.19
66....	.40	.80	1.39	2.38	3.56	4.67	5.99	7.30
67....	.40	.81	1.41	2.41	3.61	4.74	6.08	7.41
68....	.41	.82	1.43	2.45	3.67	4.81	6.17	7.52
69....	.41	.83	1.45	2.48	3.72	4.88	6.26	7.63
70....	.42	.84	1.47	2.52	3.77	4.95	6.35	7.74

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

Flower Novelties

1938

Have a garden that is different by sowing some of the recent novelties.

Each year we offer to you a number of the new, outstanding novelties of recent introduction. For your consideration this year we are listing on this page Novelties which have been tested and proven to be adapted to this section.

May we suggest that you have a Novelty Garden this year by planting a number of the varieties listed below?

KENDALL & WHITNEY.

ACROCLINIUM.

New Large Flowered Double Hybrids. Daisy-like flowers in salmon, white, pink, rose and other shades. Fine for Everlastings. Pkt., 10c.

AGERATUM, Pink Fairy. Pkt., 25c.

See Color Insert.

ASTER.

Apple Blossom (Early Dawn). An early variety. Blooms 3 to 4 in. on strong stems. Pkt., 15c.

ASTER, Enchantress. Pkt., 25c.

See Color Insert.

ASTER.

Super Giant El Monte. A superb, beautiful crimson flowered companion to Los Angeles. It is unusually early blooming, producing extremely large, fluffy, feathery flowers. Pkt., 15c.

BACHELOR BUTTON.

Jubilee Gem. Grows about 1 ft. high, covered thickly with double, vivid blue flowers. Pkt., 20c.

CALENDULA.

Orange Sunshine. A gorgeous golden orange companion to Chrysantha. Plants 2 ft. tall, produce large, informal flowers, with long slender incurved petals. Pkt., 15c.

CALLIOPSIS, Golden Crown. Pkt., 20c.

See Back Cover.

COSMOS.

Sensation. An early mammoth flowering. Flowers 4 in., height 4 ft.

Pinkie. Rose Pink. Pkt., 20c.

Purity. White. Pkt., 20c.

GODETIA.

Kelvedon Glory. Glowing orange salmon. Pkt., 25c.

LARKSPUR.

Giant Imperial. Tall upright, compact in habit, 4 to 5 ft. tall.

Blue Bell. Azure blue. Pkt., 15c.

Coral King. Coral pink. Pkt., 15c.

White King. White. Pkt., 15c.

MARIGOLD.

Crown of Gold. Flower centers are of short curled quilled petals, with a collar of flat guard petals outside. Flower 2½ in., dazzling orange. Pkt., 20c.

MARIGOLD.

Chrysanthemum Flowered Mixed. A new type producing 100% fully double, large flowers with incurved petals, varying from light yellow to deep orange. Plants 3 ft. tall, and very floriferous. Excellent for cutting. Pkt., 20c.

MARIGOLD.

Gigantea Sunset Giants. The very largest flowered Marigold yet developed. Plants 4 ft. tall, 6 to 8 branches, each producing 3 to 6 enormous flowers, 5 in. in diameter. Colors vary from primrose to deep orange. Pkt., 15c.

FRENCH MARIGOLD.

Double Dwarf Royal Scot. About 10 in. tall. Mahogany with gold stripes. Pkt., 15c.

MARIGOLD, Harmony. Pkt., 15c.

See Back Cover.

MORNING GLORY.

Clark's Early Mammoth Blue. Sky blue. Pkt., 15c.

NASTURTIUMS. Dwarf Double.

Golden Gleam. Golden yellow, sweet scented. Pkt., 10c.

Scarlet Gleam. Scarlet, sweet scented. Pkt., 10c.

Glorious Gleam Hybrids. Finest mixed, sweet scented. Pkt., 10c.



Scabiosa Rosette

PETUNIA.

Blue Bedder. Flowers 2 to 3 in., rich royal blue, 1½ ft. tall. Pkt., 10c.

Celestial Rose. Flowers 2 in., deep rose, 8 in. tall. Pkt., 10c.

Flaming Velvet. Large velvety wine purple flowers, 15 in. high. Pkt., 15c.

PETUNIA, Topaz Rose. Pkt., 25c.

See Color Insert.

PHLOX.

Gigantea. Assorted shades, very large flowers, in pastel shades. Pkt., 15c.

ICELAND POPPY.

Blooms first year from seed. Fine for cutting.

The Emperor. Large tangerine orange flowers. Petals fluted. Pkt., 15c.

The Empress. Large salmon rose flowers. Petals fluted. Pkt., 15c.

SCABIOSA.

Grandiflora Rosette. Plants vigorous and floriferous, bearing extra large, deep rose heavily suffused with salmon flowers, on long stiff stems. A glorious new shade. Excellent for cutting. Pkt., 15c.

ZINNIA.

Linearis. The most unusual and interesting new Zinnia. Plants vigorous, free flowering, 8 to 10 in. tall, bearing early and continuously beautiful single golden orange flowers, with a delicate lemon yellow stripe. Excellent for borders and window boxes. Pkt., 15c.

ZINNIA.

Lilliput Pastel Mixture. Grows 12 to 15 in. high, flowers 1 to 1½ in. diameter, in soft shades of apricot, peach, yellow, pink, salmon and orchid. Pkt., 10c.

Fantasy, Star Dust. Golden yellow with twisted petals. Pkt., 15c.

Flower Seeds

Plan and Plant a Flower Garden for Beauty, Health and Recreation

Brief Hints on Sowing and Cultivation

THE SOIL. A mellow loam, which is a medium earth between the extremes of clay and sand, enriched with a compost of rotted manure and leaf-mold, is adapted to the general run of flowering plants. Previous to planting flower beds or borders, care must be taken that they are so arranged that the ground may be a little elevated in the middle, that the water may run off, and that the plants may show to better advantage.

SOWING THE SEED. Nine-tenths of the failures in flower culture come from improper treatment of the seeds and young plants. We urge every purchaser of our seeds to carefully study the cultural directions printed on each package, and the following general rules: Do not plant any of the seeds when the ground is wet. Make the surface as fine and smooth as possible. Cover each sort of seed to a depth proportionate to its size; the finest, like *Portulaca*, *Campanula*, *Digitalis*, etc., should be merely sprinkled on the surface of the ground, and barely covered with finely sifted, light, mellow soil. Press soil down firmly over the seed with a brick or short piece of board. For large seeds, depth should be regulated according to size of seed; those the size of a pin-head, $\frac{1}{2}$ inch deep, and those the size of a pea, $\frac{3}{4}$ of an inch. Procure a bit of lath (it would be better if planed smooth) about 2 feet long, press the edge down into the soil evenly, so as to make a groove as deep as the seed is to be planted; scatter the seed along this, allowing four or five of the larger to 15 or 20 of the smaller seeds to the space one plant is to occupy when grown. Cover the seed by pressing earth together over it, then turn your lath sideways and press soil down firmly and evenly.

ACROCLINIUM. New Large Flowered Double Hybrids. Daisy like flowers in salmon, white, pink, rose and other shades. Fine for everlastings. Mixed. Pkt., 10c.

AGERATUM (Floss Flower). Hardy annual. A plant of the greatest beauty and value for garden or window, unexcelled for border, rock garden or bedding. Early and constant bloomer. Mixed colors. All varieties mixed. Pkt., 10c.

Blue Perfection. Semi-dwarf, large flowers. Medium blue. Pkt., 10c.



Antirrhinum—Snapdragon

ALYSSUM. A well-known favorite, hardy annual, blooming profusely the entire season. Excellent for edging. No other white flower is so well adapted for a dense, low carpet, or as borders and ribbons in garden work. Extremely fragrant and frequently used for bouquets. Sow seed early in April.

Sweet White. 1 ft. Pkt., 10c.

Lilac Queen. Lilac color, dwarf. Pkt., 10c.

Tom Thumb. Very dwarf; white. Pkt., 10c.

ANTIRRHINUM (Snapdragon). One of the most beautiful and useful bedding plants, blooming profusely throughout the summer. Fine for cutting.

Early Brilliant Rose. Rose-pink. Pkt., 10c.

Early Golden King. Yellow. Pkt., 10c.

Early Queen Victoria. White. Pkt., 10c.

Early Rose Queen. Soft pink. Pkt., 10c.

Early Scarlet Defiance. Scarlet. Pkt., 10c.

Mixed. Pkt., 10c.

ARCTOTIS (African Lilac Daisy) Grandis. A remarkable, handsome annual, forming bushes well branched. The flowers are pure white with sky blue eye while the reverse of the rays are pale lilac-blue. An excellent cut flower. 2 feet high. Pkt., 10c.



Sweet Alyssum—Tom Thumb

Asters

On account of their easy culture and vigorous growth, Asters are deservedly popular. For blooming in September and October, when they flower at their best, sow the seeds in the open ground early in May. If earlier blooms are wanted, they may be sown in cold-frames or in boxes or pots in the house. Cover the seeds about $\frac{1}{2}$ inch with rich, light soil. When the plants have three or four leaves, transplant 18 inches apart in beds in which well-decayed (not fresh) manure has been thoroughly incorporated. A good dressing of wood ashes stirred into the surface of the bed is very beneficial to the growth of plants and prevents disease.

EARLY DAWN, Apple Blossom. A new extra early strain. Plants 14 in. high. Flowers pink, 4 in. diameter. Pkt., 15c.

QUEEN OF THE MARKET. (Wilt Resisting) A handsome, profuse early blooming class of graceful, spreading habit, producing finely formed, double flowers two or three weeks before most others begin to bloom; extensively grown for cutting. $1\frac{1}{2}$ ft. Pkt., 10c.

CALIFORNIA SUNSHINE. Very beautiful with quill-like center of light yellow surrounded by a single row of outer petals of various colors. 4 to 5 ins. across. Pkt., 15c.

Shell Pink. Pkt., 15c.

Light Lavender. Pkt., 15c.

Purple. Pkt., 15c.

White. Pkt., 15c.

Mixed. Pkt., 15c.

TRUFFAUT'S MAMMOTH PEONY-FLOWERED. A superb strain with immense fully double flowers. Mixed colors. 2 ft. Pkt., 10c.

SUPER GIANT EL MONTE. Large, fluffy, feathery crimson flowers. Pkt., 15c.

SUPER GIANT LOS ANGELES. The color is pure shell-pink, unusually large, yet artistically graceful in the feather effect of the interlacing petals. In the garden they show up best combined with the Blue Lace Flower. Pkt., 15c.

GOLDEN SHEAF. The deepest yellow Aster yet offered and wilt-resisting. Flowers fully double and very attractive. Pkt., 15c.

GIANT BRANCHING COMET. Distinct and valuable; flower resembles the Japanese Chrysanthemum. Not only larger, but petals are longer and somewhat broader than the old Comet section. The plant is of vigorous, luxuriant growth, producing freely long-stemmed graceful flowers. $1\frac{1}{2}$ to 2 feet. Pkt., 10c.

CARTER'S WHITE PLUME. One of the most magnificent white Asters yet produced; height, about fifteen inches. Pkt., 10c.

CALIFORNIA GIANT. Flowers of the Crego type. One of the finest for private gardens or florists' use. Blossoms of large size with long stem. Per pkt., 15c.

HEART OF FRANCE ASTER (Wilt Resisting). The best pure red Aster ever introduced. Heart of France opens red as the purest ruby. The flowers are large and full with never a trace of a hollow center. The stems are long. Pkt., 10c.



Aster Mammoth Peony-Flowered

IMPROVED CREGO (Wilt Resisting). Plants robust, branching, about $2\frac{1}{2}$ ft. Flowers large, double and well formed; one of the finest varieties for all purposes.

Lavender, wilt resisting. Pkt., 10c.

Pink, wilt resisting. Pkt., 10c.

White, wilt resisting. Pkt., 10c.

Mixed, wilt resisting. Pkt., 10c.

AMERICAN BRANCHING (Wilt Resisting). The flowers are like beautiful Chrysanthemums, large, very graceful, produced on long stems, well above the foliage; grand for cutting. Plants extra large and of strong growth: one plant will cover a space $2\frac{1}{2}$ ft. square. By far the most satisfactory grown.

Lavender, wilt resisting. Pkt., 10c.

Pink, wilt resisting. Pkt., 10c.

Crimson, wilt resisting. Pkt., 10c.

White, wilt resisting. Pkt., 10c.

Purple, wilt resisting. Pkt., 10c.

Finest Mixed, wilt resisting, all colors. Pkt., 10c.

BACHELOR'S BUTTON OR CORNFLOWER. Popular hardy annual of the easiest culture, blooming quickly after seed is sown and for a considerable time if flowers are kept well cut. 2 feet.

Jubilee Gem. About one foot high, covered thickly with vivid blue flowers. Pkg., 20c.

Finest Mixed. Pkt., 10c.

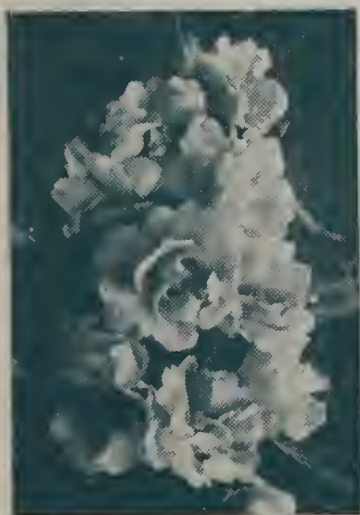
Double Blue. Pkt., 10c.

BALSAM (Lady Slipper). This favorite annual has been continually improved for several years, the flowers of some strains being perfectly double and of immense size, rivaling in beauty those of Camellia. The strain we offer is of this improved type, and is remarkable for bright and effective colors, embracing varied and brilliant self-colors, also superbly mottled and striped varieties. Tender annuals.

Double Fine Mixed. Pkt., 10c.

BALLOON VINE. A tender annual climber of rapid growth, bearing small white flowers, followed by curious inflated seed-vessels, somewhat resembling a balloon. 10 to 15 feet. Pkt., 10c.

BARTONIA AUREA. Showy, hardy annual of distinct character, its golden yellow flowers being freely produced. It grows well in partial shade, but should not be crowded. Pkt., 10c.



Balsam



Bachelor Button

BEANS, ORNAMENTAL VARIETIES. The Scarlet and White Runner Beans are popular as ornamental climbers. The former is largely grown alone for ornamental effects. The beans of the White Runner are used in some localities as green shell beans. Scarlet are also edible, but seldom used. All should be treated as directed for Pole Beans.

Scarlet Runner. Pkt., 10c.

White Runner. Pkt., 10c.



Calendula Orange Shaggy

BRACHYCOME (Swan River Daisy). A free-flowering plant of dwarf, compact growth, bearing in great profusion beautiful single blue or white flowers. Effective as edgings or in beds, and suitable for rustic baskets or pot culture. Half-hardy annual, 1 foot.

Mixed Blue and White Colors. Pkt., 10c.

BROWALLIA. Compact little plants not more than 9 to 10 inches high, and extremely floriferous, bearing over 100 dark blue flowers with white eyes. Easily grown from seed. Plants bloom over a long period.

Elata Coerulea. Blue; 1½ ft. Pkt., 10c.

Alba. White; 1½ ft. Pkt., 10c.

Fine Mixed. Pkt., 10c.

BLUE LACE FLOWER. This pretty annual blooms freely from July to November. The blossoms are pale lavender, and are excellent for cutting, as they last a long time in water. Plants grow about eighteen inches high. Seed may be sown outdoors when the trees are in leaf. Pkt., 15c.

Calendula (Pot Marigold)

A very free-blooming hardy annual of easy culture. Grows well in nearly all soils. Flowers double, borne on stiff stems, and are cut to some extent but the plant is more desirable for bedding. 1 to 1½ feet.

Campfire or Sensation. Improved strain. Brilliant orange with scarlet sheen. Pkt., 10c.

Chrysantha or Sunshine. Chrysantha is a new Calendula which is outstanding among all varieties known up to the present time. The large flowers are an exquisite shade of clear buttercup yellow, with long loosely arranged petals, which droop to give the rounded appearance found in our favorite Chrysanthemums. Pkt., 10c.

Orange Shaggy. Gold medal 1935 All America selection. Deep orange, lighter at center. Informal, shaggy, new and different. Pkt., 15c.

Orange Sunshine. Similar to Chrysantha, but with golden orange flowers. Pkt., 15c.

Radio. Improved strain. A special selection of large flowering, well-formed Radio type flowers, borne on long, stout stems—a strain which is more suitable for forcing than the original Radio. Pkt., 10c.

CALENDULA—Continued

The Ball. A large ball-shaped double flower. Color, bright orange, much used by florists. Pkt., 10c.

Orange King. Large, dark orange. Pkt., 10c.

Lemon Queen. Clear lemon-yellow. Pkt., 10c.

Mixed Double Varieties. Pkt., 10c.

CALCEOLARIA. Gorgeous flowered tender annuals, used chiefly for greenhouse or conservatory decoration. Seed sown in August or September will produce blooms in March and April. Require cool house, 35 to 40 deg. at night.

Choice Mixed Varieties. Pkt., 25c.

CALLIOPSIS. Showy, hardy annuals about two feet high, succeeding well in any soil. Produces a fine effect when grown in a mass. Blooms from June until September.

Fine Mixed. Pkt., 10c.

Drummond's Large Yellow. Pkt., 10c.

CANDYTUFT—Large Flowering. A well-known hardy annual, very useful for bedding and bouquets, and also for pot culture.

Giant Hyacinth-Flowered or Improved Empress. Plants about 18 inches high, each branch terminated by an immense spike of very large individual pure white flowers. Makes a very effective white bed or border, and is invaluable for cutting. Pkt., 10c.

Little Prince. Large heads of pure white flowers. Plants about six inches high. Ounce, 40c; pkt., 10c.

Crimson. Ounce, 25c; pkt., 10c.

Lavender. Ounce, 35c; pkt., 10c.

White. Ounce, 35c; pkt., 10c.

Finest Mixed. Ounce, 30c; pkt., 10c.

CANARY BIRD VINE. A rapid-growing, delicate climber, reaching a height of from ten to fifteen feet. Bright yellow, fringed; exceedingly beautiful foliage. Half-hardy annual. Pkt., 10c.

CANNA. Handsome foliage plants, growing from three to eight feet high. Highly ornamental on the lawn. Soak the seed in warm water for about twelve hours. Seeds should be sown early in a strong moist heat. Finest mixed. Pkt., 10c.

CANTERBURY BELLS—Annual. Few flowers are more popular than the Canterbury Bell. These new annuals make it possible to enjoy these flowers in five months after planting the seed, and by making successive plantings flowers may be had until fall. These come in various shades of pink, blue, and white. Pkt., 10c.

CINERARIA. Well-known favorite, free-flowering plants for the greenhouse, succeed best in light, rich, free and open soil. Greenhouse perennial. Fine mixed varieties. Pkt., 25c.



Canterbury Bells—Annual



Chrysanthemum

CHRYSANTHEMUMS—Annual. The annual chrysanthemums are free-blooming, easily grown plants. They have large, daisy-like flowers in a variety of brilliant colors and are fine for cutting.

White with crimson and yellow ring. Pkt., 10c.

Purple, Yellow Zone. Pkt., 10c.

Golden Yellow. Pkt., 10c.

Primrose, Brown Disc. Pkt., 10c.

CLARKIA. A very beautiful hardy annual, about eighteen inches high, blooming from June to September. Set six inches apart. Fine mixed. Ounce, 30c; pkt., 10c.

COBAEA SCANDENS. The most useful of climbers, on account of its rapid growth, fine foliage, and large, bell-shaped flowers, purple in color. In sowing, place the seeds edgewise and cover lightly. Pkt., 10c.

COCKSCOMB (Plumed). Very singular and attractive, half-hardy annuals, about two feet high. To perfect the flowers they should be sown in the hotbeds and transplanted into rich soil one foot apart. Double Mixed. Pkt., 10c.

COLEUS. One of the most popular foliage plants. It is very decorative in the flower border, and easily grown from seed, which frequently produces new and distinct varieties. New Hybrid. Mixed. Pkt., 15c.

CONVOLVULUS MAJOR (Morning Glory). A well-known beautiful climbing annual, suitable for covering arbors, trellises. Blooms from July until autumn. Fine mixed. Ounce, 15c; pkt., 10c.

Clark's Mammoth Blue. Plant in a dry place with no fertilizer. Pkt., 15c.

Japanese. Gigantic flowers, exquisite new colors, magnificent foliage. Finest mixed. Pkt., 10c.

COSMOS—Midsummer Large Flowering. Splendid flower for cutting purposes, plants growing five to seven feet high, which are beautiful masses of the most elegant foliage, with hundreds of large, showy blossoms. Both foliage and flowers are excellent for cutting. Sow seed early in spring and transplant to the garden in June.

Sensation Pinkie. Pink. Extra early. Pkt., 20c.

Sensation Purity. White. Extra early. Pkt., 20c.

Sensation Mixed. Pkt., 15c.

Orange Flare. Grand Champion Gold Medal 1935. Vivid orange. Early. 2 to 3 feet high. Pkt., 15c.

Single Early Flowering. Mixed. Pkt., 10c.

Double Early Flowering. Mixed. Pkt., 15c.

CYPRESS VINE. One of the most popular of all summer climbers; flowers small, thickly set in a most beautiful dark-green foliage, forming a striking contrast. Tender annuals. Scarlet. Pkt., 10c.

ANNUAL AFRICAN DAISY, African Golden (Dimorphotheca aurantiaca). This very showy annual plant is a valuable addition to the list of hardy annuals. When first exhibited, it gained an Award of Merit at the great Temple Show, London, has been very favorably mentioned in the leading horticultural papers in this country and Europe, and all who have seen the plant in bloom praise it. A bed of these plants is remarkably effective, and the flowers are excellent for cutting, while the plant is easily grown from seed sown in the open ground. Pkt., 10c.

DAHLIAS (From Seed). Plant in a shallow box or pan early in March or April, transplant carefully and keep the soil moderately moist. When all danger from frost is over set out in the bed or border in the garden. Finest mixed, single, pkt., 10c. Finest mixed, double, pkt., 10c.

ESCHSCHOLTZIA (California Poppy). A very showy, hardy annual, about one foot high, blooming from June until September. Produces a brilliant effect; admirable for borders when grown in a mass.

Golden West. Large yellow with orange center. Pkt., 10c.

Ramona Hybrids. A new compact strain with frilled flowers in pink, white and yellow. Pkt., 10c.

Finest Single Mixed. Pkt., 10c.

Carter's Carmine King. A splendid new variety of a beautiful carmine-rose color. Pkt., 10c.

FEVERFEW (Matricaria). Handsome, free-flowering, highly ornamental plants, producing a fine effect in the mixed flower and shrubbery borders. Succeeds in any rich soil.

Double White. Pkt., 10c.

FOUR O'CLOCK (MARVEL OF PERU). A well-known favorite plant, bearing freely funnel-shaped, white, red, and striped flowers, which open about four o'clock in the afternoon. Will grow anywhere. Plants should be given plenty of room, about 2 feet apart. 2 feet. Mixed Colors. Pkt., 10c.

GAILLARDIA (Blanket Flower) Annual Varieties. Very showy, free-blooming, hardy plants of easy culture. Seed germinate very slowly and should be sown in the house in March. The flowers are very brilliant, borne on long stems. Fine for cutting. 2 feet. Fine mixed. Pkt., 10c.



Annual African Daisy

GLOBE AMARANTH. A tender annual, about two feet high, very ornamental in the garden. The flowers will retain their beauty for a long time if gathered and dried as soon as they are open. Start early in hot-beds, and transplant one foot apart in the border when the weather becomes warm. Mixed. Pkt., 10c.

GLOXINIA. Greenhouse plants, producing richly colored and brilliant flowers. Greenhouse perennial.

Carter's Invincible Prize. Contains all the best self-colors, crimson, sapphire, purple, ruby, rose, blush-violet and white, together with the most beautiful spotted or marbled kinds. Pkt., 25c.

GODETIA (Called Satin Flower). Attractive, hardy annuals, deserving more extensive cultivation, especially in the cooler parts of the country. The plants bloom profusely, and bear showy flowers, not unlike an Azalea, of satiny texture, in many rich and varied colors. They do best in a rather poor soil; 1 foot.

Kelvedon Glory. Orange and salmon. Pkt., 25c.
Fine Mixed. Pkt., 10c.

GOURDS—Ornamental. A valuable and highly interesting class of climbing plants. Tender annuals. Fine mixed. Pkt., 10c.

GREVILLEA ROBUSTA. A very graceful decorative plant, with evergreen fern-like foliage. Excellent for table decoration. Pkt., 10c.

GYPSOPHILA OR BABY'S BREATH. A free-flowering annual that should be in every garden, for it thrives abundantly, furnishing the loveliest material for bouquets.

Elegans London Market. Hardy annual; pure white. Pkt., 10c.

HELICHRYSUM (Eternal flower). A hardy annual, very ornamental in the garden, and very desirable for winter bouquets, as they will retain their form and color for years if gathered and dried when first open.

Double Yellow. Pkt., 10c.

Double White. Pkt., 10c.

Double Scarlet. Pkt., 10c.

Double Purple. Pkt., 10c.

Double Fine Mixed. Pkt., 10c.

HELIOTROPE—Sweet Scented. A well-known half-hardy perennial, particularly prized on account of its delightful fragrance. It is well adapted for bedding or pot culture. Sow the seeds early in spring in pots or in the hothouse, and transplant into the garden when the weather becomes warm. Finest Mixed. Dark varieties. Pkt., 10c.

HUMULUS (Japan Hop). Rapid summer climber, resembling the common hop, but being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc., producing grateful shade and being very ornamental. Heat, drought, and insects do not trouble it. Pkt., 10c.

HYACINTH BEAN. Tender, climbing annual, producing clusters of purple and white flowers; 10 ft. Pkt., 10c.

IPOMOEA (Moonflower). The Ipomoeas are climbers of rapid growth and bear immense fragrant flowers of glistening white, seven to eight inches across. The flowers open at sunset and close the next morning. To hasten germination soak seed in warm water a few hours. Flowers large white. Pkt., 10c.

KOCHIA CHILDSI (Mexican Fire Plant or Summer Cypress). A splendid ornamental annual plant, forming dense oval bushes 2 to 2½ feet high, of small, feathery, light green foliage. As summer advances, this changes to a carmine hue and finally to a fiery red. A very attractive plant. Pkt., 10c.

LANTANA. Highly valuable plant of vigorous growth and branching habit, producing brilliantly-colored flowers constantly changing in hue. Very effective, either for pot culture or for bedding. Fine Mixed. Pkt., 10c.

LARKSPUR, Giant Imperial—Annual Delphinium. Very beautiful, showy annuals, producing dense spikes of flowers, which are very decorative, either in the garden or when cut for vases. Set ten inches apart. Blooms from July until frost.



Larkspur Giant Imperial

Blue Bell. Azure blue. Pkt., 15c.

Coral King. Coral pink. Pkt., 15c.

White King. White. Pkt., 15c.

Mixed. Pkt., 10c.

Dwarf Double Rocket. Finest mixed; 1 ft. Pkt., 10c.

Double Branching. Fine mixed; 2 ft. Pkt., 10c.

LAVENDER. A shrubby plant, blossoms of delightful fragrance. Pkt., 10c.

LINUM (Flowering Scarlet Flax) Grandiflorum Rubrum. Brilliant dark scarlet. Hardy annual. Pkt., 10c.

LOBELIA. Most excellent and useful plants, free-flowering and of easy culture. Fine for borders, baskets, vases and window boxes.

Gracilis. Fine for hanging baskets, vases, etc., light blue trailing. Pkt., 10c.

Crystal Palace. Compact; dark blue, excellent for edging. Pkt., 10c.



Marigold Gigantea Sunset Giants

LOVE-LIES-BLEEDING. A hardy annual, three to four feet high, with pendent spikes of blood-red flowers. Pkt., 10c.

LOVE-IN-A-MIST. (Nigella). A curious, hardy annual about one foot high with finely cut leaves and singular flowers. Mixed. Pkt., 10c.

LUPINUS (Lupine). These plants are of easy culture, producing beautiful leaves and pea-like flowers, and should be more generally cultivated. The annual varieties may be sown out in the open in May and as plants grow thin out, leaving about twelve inches between the plants. Fine Mixed Annuals. Pkt., 10c.

King Lupine. Enormous spikes of rich Oxford blue, with pure white stripe in the standard of each flower. The plants grow three to four feet high with six to eight huge spikes to a plant. Being annuals the flower may be had the first season and make excellent cut flowers. Price per pkt., 15c.

Marigold

New and standard varieties. Extremely showy, half-hardy annual, one to two feet high, well adapted to garden culture, blooming profusely through the season. Set one foot apart. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds make extremely handsome borders, remaining in full bloom until killed by frost.

DOUBLE AFRICAN NEW CARNATION-FLOWERED MARIGOLD, Guinea Gold. The most gorgeous and lovely of all Marigolds. Plants are of strong growth, 2½ feet tall, with a great profusion of large semi-double blooms, each displayed on a fine long stem. Color richest, purest orange-gold imaginable. We highly recommend this. Pkt., 10c.

Chrysanthemum Flowered. Mixed. Pkt., 20c.

Gigantea Sunset Giants. The very largest flowered Marigold now available. Mixed. Pkt., 15c.

Crown of Gold. Dazzling orange flowers, with quilled centers and collar of flat petals. Pkt., 20c.

Lemon Queen. Similar to the Orange Prince, except in color, which is lemon yellow. Pkt., 10c.

Orange Prince. Large deep orange flowers, very showy. About two and one-half feet high. Pkt., 10c.

Yellow Supreme. Gold medal winner 1935. Similar to Guinea Gold, free blooming with loosely ruffled carnation-flowered blossoms of a creamy yellow color. Pkt., 15c.

Double Mixed. Pkt., 10c.

DWARF FRENCH MARIGOLDS.

Double Mixed. About one foot high. Pkt., 10c.

Legion of Honor. Single, about nine inches high; golden yellow, with large spots of velvety crimson. Pkt., 10c.

DWARF DOUBLE FRENCH MARIGOLD, Royal Scot. Large double flowers are produced in abundance on plants 12 in. high. Color is a combination of mahogany and gold. Pkt., 15c.

MAURANDIA. An elegant, half-hardy, climbing plant, blooming the first season if sown early. **Barclayana.** Rich violet flowers. Pkt., 10c.

MORNING GLORY. (See Convolvulus.)

MOURNING BRIDE (Scabiosa). These beautiful, hardy annuals are in great demand. They grow about two and one-half feet high and bloom from early July without interruption until cut down by the frost. As a flower for cutting they are much in demand. The various shades are very charming, but are equally well adapted for borders or beds, where they display themselves very effectively. Seeds should be sown any time in the spring after danger of frost is past.

Purple. Pkt., 10c.

White. Pkt., 10c.

Red. Pkt., 10c.

Finest Mixed. Pkt., 10c.

Rosette. A gorgeous extra large flowered, beautiful deep rose. Pkt., 15c.



Marigold Legion of Honor

MIGNONETTE. The sweet delicate fragrance makes this a favorite in every garden. Sowings made in April and again in July will keep up a succession from early summer until frost, can also be grown in pots for winter and early spring flowering. Hardy annual, 6 to 8 inches.

Mignonette, Sweet. Large-flowered variety, very fragrant. Per ounce, 20c; pkt., 10c.

Allen's Defiance. Spikes of immense size and very fragrant. Pkt., 10c.

Machet. The finest variety for pot culture; of dwarf growth, with sweet-scented, red flowers. Pkt., 10c.

MUSK PLANT. Fine for hanging baskets. Color yellow, sweet-scented. Pkt., 10c.

K. & W. Giant Flowering Nasturtiums

No other annual excels the Nasturtium for brilliancy of color, duration of bloom, ease of culture and general usefulness. All they need is a moderately good soil in a well-drained, sunny situation, and within a few weeks from the time they are planted until frost comes, there is an endless profusion of their gorgeous blossoms. They are suitable for bedding and edging; grow quickly and will thrive best in light or sandy soils. Plant seed when ground is warm, 2 inches deep and thin to stand 6 inches. The more the flowers are picked the more freely they will bloom.

NEW DOUBLE NASTURTIIUMS Sweet Scented

They are the result of years of scientific breeding and selection for the development of this new sensational double, sweet-scented Nasturtium. The color range includes an evenly balanced blend of the glorious assortment of brilliant shades: salmon, golden yellow, orange, scarlet, cerise, creamy yellow, maroon, crimson and gold-flashed scarlet. The flowers are large, well-formed, and delightfully scented while the stems are long and wiry, bearing the numerous flowers well above the lush green of the foliage. This gives the effect of a solid mass of color. Nothing could be lovelier in the garden.

Double Sweet Scented Golden Gleam. Awarded gold medal. These flowers have the appearance of a fully double flower and are most attractive and fragrant. Pkt., 10c.

NICOTIANA (Flowering Tobacco). Deliciously fragrant flowers, very ornamental, of easy cultivation, excellent for cutting. Half-hardy annuals.

Affinis. White, very fragrant. Pkt., 10c.

Sylvestris. Plants of pyramidal growth about four feet high. Flowers pure white and very fragrant. Pkt., 10c.

Sanderae. Branching habit; two feet. Strikingly beautiful plants. Blossoms brilliant carmine-red; delicious fragrance. Pkt., 10c.



NASTURTIIUM

Double Sweet Scented Scarlet Gleam. Dazzling in color, sweet-scented, extra large flowered. Pkt., 10c.

Double Gleam Hybrids. A wonderful mixture of colors. Pkt., 10c.

K & W Special Mixture of Dwarf Giant Flowered. A matchless mixture of the Dwarf Giant varieties. It is composed of the most elegant large flowered sorts, the colors range through every tint and shade. Their fine color, long stems, great size make them valuable for cutting. lb., \$1.25; ½ lb., 70c; ¼ lb., 40c; 1 oz., 15c; pkt., 10c.

"K & W" Tall Mixed Varieties. 1 lb., \$1.25; ½ lb., 70c; ¼ lb., 40c; 1 oz., 15c; pkt., 10c.

NEMESIA. Dwarf large-flowering hybrids. A very pretty annual which does best in a cool position; the plant grows about a foot high, and the orchid-like flowers are varied in color, including rose, yellow, blue, orange. Fine mixed varieties. Pkt., 10c.

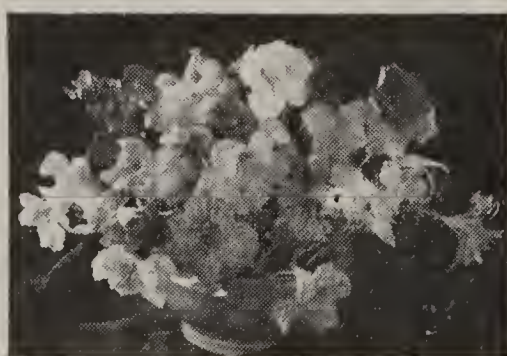
NEMOPHILA (California Blue Bell). Charming hardy, low annual, producing an abundance of extremely delicate and beautiful flowers. Very useful for bedding or for pot culture. Sow early in pots and transplant into a cool, rather moist location.

Insignis. Clear, bright blue, white center. Pkt., 10c.

Finest Mixed. Pkt., 10c.



Nasturtium
Golden Gleam



Nasturtium Gleam Hybrids



Nicotiana

Pansies

Good results may be obtained from sowing seed in May in a light, cool, but well moistened soil, enriched with a slight amount of barnyard manure or fine ground bone. Sow seed in drills, covering them five times their diameter, and firm soil. Water once a day, except in very dry weather, when they may be watered twice a day. Seed will germinate in about two weeks and should not be allowed to dry out. A covering of newspapers will prevent drying out. When plants are large enough to handle, they should be transplanted to a distance of one foot apart. Where greenhouse and cold frame facilities are at hand, seed may be sown in July or August and plants protected during winter.



Pansies

"K & W" EXTRA CHOICE MIXED. This is a mixture composed of the finest varieties of large flowering Pansies and for years has been giving splendid satisfaction. Pkt., 10c.

NON PLUS ULTRA. A mixture of Pansies designed for the buyer who wishes his beds of the finest colors and greatest variety possible. Pkt., 15c.

ODIER. Finest blotched. Pkt., 10c.

MADAM PERRET. A new French strain. Flowers large size in many colors, especially red, and wine shades. Pkt., 15c.

SWISS GIANT. Outstanding in color, size and freedom of bloom. These varieties were raised by a Pansy specialist in Switzerland and have created a decided sensation in floricultural circles. The plants are very robust, and the very large flowers of heavy texture, are carried on strong stems well above the leaves. Mixed colors, pkt., 25c.

Giant Trimardeau Pansies

A strain of Pansies having very large flowers. We have pleasure in offering to our customers the very distinct varieties described below:

GIANT KING OF THE BLACKS. Velvety jet black. Pkt., 10c.

GIANT BLUE. Beautiful light blue. Pkt., 10c.

GIANT YELLOW. Pure golden yellow. Pkt., 10c.

GIANT PURPLE. Dark, rich purple. Pkt., 10c.

GIANT MIXED. Pkt., 10c.

Petunias

Favorite, hardy annuals, succeeding well in any rich soil. For the brilliancy and variety of their colors, their abundance of flowers, and the long duration of their blooming period, they are indispensable in any garden.

PINK GEM. About 6 inches high, covered with deep pink blooms. Fine for window boxes, borders and pots. Pkt., 15c.

BLUE BEDDER. Mid-blue. Pkt., 10c.

DOUBLE FRINGED. Extremely double, edges finely fringed, petals fluted and crinkled, unmatched by crumpled velvet, which the flowers resemble. Pkt., 25c.

CELESTIAL ROSE. Deep rose. Pkt., 10c.

CALIFORNIA GIANT. A strain of incomparable beauty, size and luxuriance. The flowers are exquisitely ruffled or fringed on the edges, and are enormous. Pkt., 25c.

FLAMING VELVET. (New). Deep velvety blood-red. Pkt., 15c.

ROSY MORN. Soft carmine-pink, white center; used very extensively for borders, beds or rockeries. Pkt., 10c.

WHITE. Single, large, pure white. Pkt., 10c.

Petunia
California Giant

BALCONY BLUE. Indigo blue. Flowers very large. Pkt., 15c.

Fine Mixed. Single varieties. Pkt., 10c.

PASSION FLOWER. A splendid class of climbers, with curious flowers produced in great profusion; fine for conservatory or will answer for the garden, flowering freely during the autumn. Fine Mixed, pkt., 10c.

Poppies

Brilliant and showy, hardy annual, growing freely in any garden soil. Sow as early in spring as the weather will permit at intervals for a succession. Barely cover seed: **PRESS DOWN FIRMLY**, and when up thin to six inches apart. 2 feet tall.

Double Flowering Varieties

PEONY FLOWERED. Resembles a double peony. Mixed, pkt., 10c.

CARNATION FLOWERED. Double fringed flowers. Mixed, pkt., 10c.

DOUBLE SHIRLEY, Sweet Briar. Deep rose-pink resembling double Begonia. Pkt., 10c.

DOUBLE SHIRLEY. Art Shades, many new shades. Pkt., 10c.

Single Flowering Varieties

ADMIRAL. Single, peony-flowered variety. Glistening pure white, with scarlet band around the top; very handsome. Pkt., 10c.

PEACOCK. Cup-shaped, crimson blossoms, with ring of black at base of the petals; equally good for pots or borders. Pkt., 10c.

SHIRLEY. Beautiful strain of single mixed Poppies; bright delicate colors; fine for cutting. Pkt., 10c.

TULIP. Grows twelve to fourteen inches high, and produces well above the foliage fifty to sixty large flowers of the most brilliant scarlet. Pkt., 10c.

PHYSALIS Chinese Lantern Plant

Francheti. An ornamental plant, forming dense bushes about two feet high, producing freely its bright orange-scarlet, lantern-like fruits, which can be cut and dried for winter bouquets. Highly interesting. Pkt., 10c.

Poppy
Carnation Flowered

PHLOX DRUMMONDI. The flowers are of exquisite beauty, and are greatly admired by all. Their long duration in bloom, combined with their almost unequaled richness of color, make them invaluable in the general flower garden. Hardy annuals.

Pure White. Pkt., 10c.

Pure Deep Scarlet. Pkt., 10c.

Rose. Pkt., 10c.

Yellow. Pkt., 10c.

Crimson. Pkt., 10c.

Finest Mixed. Pkt., 10c; oz., \$1.00.

Gigantea. Enormous flowers an inch and one-half in diameter in a wonderful range of colors. Pkt., 15c.



Phlox Drummondii

PORTULACA. Very popular, low-growing, hardy annuals, making a most brilliant display in the garden, and very suitable for borders or edgings. Sow early in warm, light, rich soil and thin plants to 4 inches.

Single. All colors mixed. Pkt., 10c.

Double. Finest mixed. Pkt., 10c.

PRINCE'S FEATHER. Ornamental plants, with elegant plumes of rich colored flowers.

Large Flowered. Crimson; 2 ft. Pkt., 10c.

RHODANTHE. A well-known everlasting; valuable for the decoration of the conservatory and flower garden; fine for bedding or ribboning. The flowers, if gathered when young, make valuable winter bouquets. Succeed best in a light, rich soil and a warm, sheltered situation. Half-hardy annual; 1½ ft. Fine Mixed, pkt., 10c.

RICINUS OR CASTOR OIL PLANT. Plants with very ornamental foliage and showy fruit and quite a tropical appearance. With other ornamental leaved plants, they make a most attractive bed on the lawn, and are also desirable when grown as single specimens. Half-hardy annuals.

Bourboniensis Arboreus. Beautiful, large green foliage; 10 ft. Pkt., 10c.

Cambodgensis. Dark foliage, black stem, 9 ft. Pkt., 10c.

Sanguineus. Scarlet fruited, 6 ft. Pkt., 10c.

Zanzibarensis. Immense dark green foliage, 12 ft. Pkt., 10c.

Mixed Varieties. Pkt., 10c.

SALPIGLOSSIS (Painted Tongue). Very beautiful, rich, half-hardy annuals, one and one-half feet high. Start early in the hotbed and transplant to light, warm, rich soil. Blooms from July to September. Fine Mixed, pkt., 10c.

SENSITIVE PLANT. A pretty, curious annual, being so sensitive that the leaves close together at the slightest touch. Pkt., 10c.

SALVIA (Sage). Very ornamental, producing tall spikes of brilliant flowers. Start early in hotbeds and transplant two feet apart. Half-hardy annual.

Splendens. Brilliant scarlet flowers. Pkt., 10c.

Bonfire. This variety is one of the finest Salvias for bedding yet introduced. The plants grow into very compact oval bushes about two and one-half feet high, and produce long spikes of brilliant scarlet flowers. Pkt., 10c.

SCABIOSA. (See Mourning Bride).

SCHIZANTHUS. Tender annual, one to one and one-half feet high, producing quickly such a mass of flowers as almost to hide the foliage. Blooms from August to October. Fine for pot culture. Fine Mixed, pkt., 10c.

Stocks

Half-hardy annual, producing splendid spikes of very rich and beautiful flowers of delightful fragrance. For early flowering sow in the spring, in pots or in the hotbed, and transplant one foot apart. Blooms from June until October.

Early Large Flowering Branching Stocks

Beauty of Nice. Strong spikes, with large flowers of a delicate flesh-pink. Pkt., 10c.

Queen Alexandra. Rosy lilac. Splendid. Pkt., 10c.

Cut and Come Again Stocks

Plants of robust growth and branching habit. If sown early commences blooming in June and continues until frost, producing flowers in September and October, when other varieties have faded. Fine for cutting. All colors mixed, pkt., 10c.

Princess Alice, White. Pkt., 10c.

Large Flowering Ten Weeks Stocks

White. Double. Pkt., 10c.

Purple. Double. Pkt., 10c.

Scarlet. Double. Pkt., 10c.

Mixed. Double. Pkt., 10c.

SUNFLOWER. Well-known, showy plants; remarkable for their rapid and stately growth and the large size and brilliancy of their flowers.

Dwarf Chrysanthemum. Double, golden yellow. Resembling a Chrysanthemum. Pkt., 10c.

Mammoth Russian. Very large flowers, single. Pkt., 10c.

Stella. Single, lemon yellow, black eye. Blooms 3 ins., fine for cutting. Pkt., 10c.



Salpiglossis—Finest Mixed

K. & W. Prize Giant Spencer Sweet Peas

The skill of the hybridizer has wrought marvelously in the development of this beautiful flower. The range of color, combined with the exquisite beauty of form of the flowers, and the gracefulness of the stems and tendrils, makes this the most popular of all our annual flowers. Height, 5 to 7 ft. Dig a trench 18 inches deep and fill with best loam, enriched with the bone-meal or well-rotted manure. Drill in rows, 5 inches deep; cover 2 inches deep. As vines grow, gradually fill trench with soil, and thin to 5 inches apart. For early flowers sow in November, in a dry situation, 6 to 8 inches deep, giving level culture. Make spring sowings as early as possible.

WHITE

Avalanche. Very large pure white. Pkt., 10c; oz., 20c.

Ruffled White. Pure white, long stems. Pkt., 10c; oz., 20c.

Constance Hinton. Black seed. Large. Pkt., 10c; oz., 20c.

PRIMROSE

What Joy. Primrose-yellow shading to cream; nicely frilled. Pkt., 10c; oz., 20c.

LIGHT PINK SHADES

Mary Pickford. A dainty cream-pink with just the faintest suffusion of salmon. Pkt., 10c; oz., 20c.

DEEP, BRIGHT PINK

Brilliant Rose. Bright Tyrian rose. Pkt., 10c; oz., 20c.

Ecstasy. Blush pink. Pkt., 10c; oz., 20c.

Pinkie. Rose-pink, extraordinarily large flowers. Pkt., 10c; oz., 20c.

Rosabelle. Giant rosy pink. Pkt., 10c; oz., 20c.

ORANGE AND SALMON

Idyl. A lovely combination of rich salmon-pink on cream base. Pkt., 10c; oz., 20c.

Gold Crest. Orange, tinted salmon. Pkt., 10c; oz., 20c.

Miss California. Salmon cream pink. Pkt., 10c; oz., 20c.

Prince of Orange. Enormous flowers of deep orange-red in color. Pkt., 10c; oz., 20c.

SHADES OF RED

Crimson King. The largest crimson. Pkt., 10c; oz., 20c.

Doreen. Bright carmine, very large. Pkt., 10c; oz., 20c.

Capt. Blood. Brilliant blood scarlet. Pkt., 10c; oz., 20c.

Morse's Sunproof Scarlet. The brightest scarlet Sweet Pea. Pkt., 10c; oz., 20c.

Excelsior. Orange scarlet. Pkt., 10c; oz., 20c.

EDGED

Blue Picotee. White, with blue edges. Pkt., 10c; oz., 20c.

Dainty. White with rose-pink edge. Pkt., 10c; oz., 20c.

Sunkist. The ground rich cream and the picotee edge of rose clearly defined. Pkt., 10c; oz., 20c.

LAVENDER SHADES

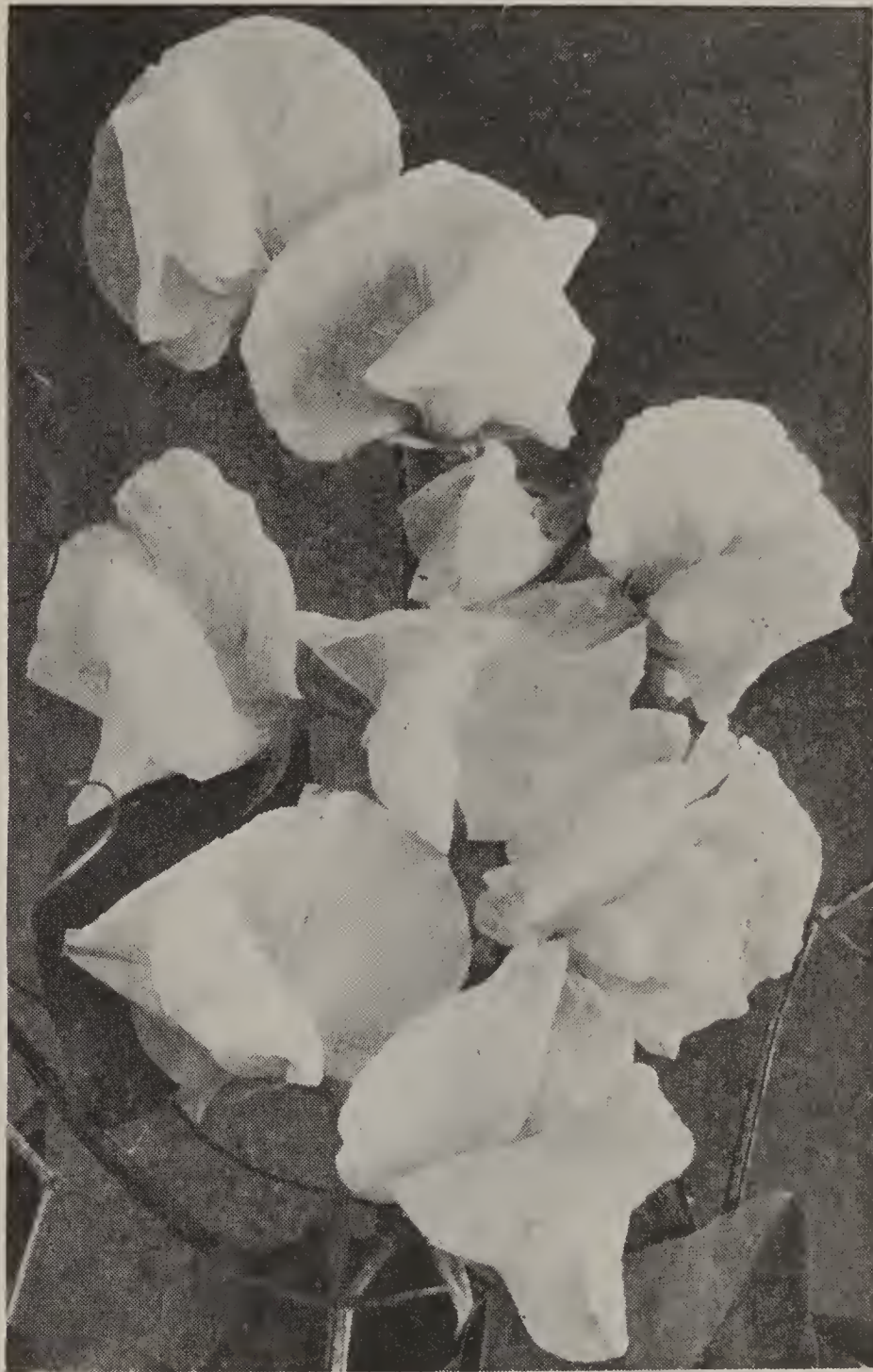
Highlander. Large clear lavender. Pkt., 10c; oz., 20c.

Chieftain. Pure satiny mauve. Pkt., 10c; oz., 20c.

SHADES OF BLUE

Reflection. The bluest of blue flowers, large and waved. Pkt., 10c; oz., 20c.

Fortune. Rich navy blue. Pkt., 10c; oz., 20c.



SWEET PEAS

PURPLE AND MAROON

Royal Purple. Rich, deep purple. Pkt., 10c; oz., 20c.

Olympia. Rich purple. Pkt., 10c; oz., 20c.

Mixed Varieties. Pkt., 10c; oz., 20c; 1 lb., \$2.25; ½ lb., \$1.25; ¼ lb., 75c.

K. & W. Assortment

This contains 6 packages, all different colors. Each package is one of our regular 10c packages: Gleneagles, lavender; Crimson King, deep crimson; Pinkie, deep pink; Avalanche, white; Miss California, salmon-pink; Royal Purple, purple. Price of assortment, 48c.

ROYAL SWEET SULTAN. Showy, hardy annual, one to two feet high, succeeding well in any soil. The beautiful, sweet-scented flowers are borne on long stems, making them well adapted for cutting. This is the finest of all Sweet Sultans. **Fine Mixed, pkt., 10c.**

THUNBERGIA (Trailing Vine). Very ornamental, trailing, half-hardy annual admirably adapted for trellis or rustic work, or for the conservatory. **Fine Mixed, pkt., 10c.**

TITHONIA. Early flowering strain. Grows about 5 ft., fine for backgrounds. Orange scarlet. **Pkt., 10c.**

VENIDIUM (Monarch of the Veldt). A new flower from Africa. Deep orange, daisy-like flowers, 4 to 5 inches across. Easy to grow. **Pkt., 15c.**

VERBENA. Well-known and universally popular bedding plant, blooming all summer. Plants grown from seed are more healthy and make larger and hardier plants than those from cuttings. If sown in spring will flower quite early. For best results sow in house or hotbed and transplant.

Apple Blossom. White shading to cameo-pink. New color, very large. **Pkt., 15c.**

Mayflower. Pink. **Pkt., 10c.**

Mammoth Finest Mixed. **Pkt., 10c.**

VISCARIA. Very pretty, profuse-flowering, half-hardy annual, producing a fine effect in beds or mixed borders, and growing readily in any soil. **Fine Mixed, pkt., 10c.**

WALLFLOWER. Very fragrant and ornamental, suitable for background and amongst shrubbery. **Fine Mixed, pkt., 10c.**

WILD GARDEN SEED. This is a mixture composed of some of the easiest growing varieties of annuals and is intended to be sown broadcast, producing a bright effect in places which would otherwise be unsightly, and also an abundance of flowers for cutting. In sowing the seed the surface should be stirred with a rake and the seed mixed with 5 to 10 times its bulk of dry sand to get a more even distribution of the seed. **Pkt., 10c.**



Venidium Fastuosum

WILD CUCUMBER VINE. A very rapid-growing climber which reaches a height of fifteen or twenty feet during the season. It is covered with clusters of white sweet-scented flowers, followed by an abundance of ornamental prickly seed pods. It will quickly cover a trellis, pillar or an unsightly building, and will reproduce itself from self-sown seed every year. Soak seed over night in warm water. Hardy annual. **Pkt., 10c.**

K. & W. Desirable Zinnias

A most splendid class of hardy annuals, and one of the finest summer flowering plants. The flowers are large, handsome, and in a very great variety of colors, blooming throughout the whole season. Start early in pots or under glass and transplant one foot apart.



Zinnia Scabious Flowered

CALIFORNIA GIANT. Of robust growth, producing large flowers on long stems. **Pkt., 10c.**

HAAGEANA. Double orange, one foot. **Pkt., 10c.**

FANTASY. The most fascinating new type Zinnia of recent years. The shaggy appearing flowers are distinct from the stiff, formal Zinnias, and lend themselves to floral arrangement.

Star Dust. Golden yellow twisted petals. **Pkt., 15c.**

Mixed colors. **Pkt., 10c.**

DOUBLE DAHLIA-FLOWERED. The very latest in Zinnias. Flowers of mammoth size and in form like a decorative dahlia.

Canary Bird. Primrose. **Pkt., 15c.**

Crimson Monarch. Best red. **Pkt., 15c.**

Exquisite. Light rose. **Pkt., 15c.**

Oriole. Orange and gold. **Pkt., 15c.**

Mixed. **Pkt., 15c.**

LILLIPUT OR POMPON. This charming little Zinnia, with its very small globe-shaped, very double flowers resembling Pompon Dahlias, is used for borders and edgings but is very useful for cut flowers because of its formal shape and keeping qualities. Blooms from June to frost if seed is started outdoors early. 12 to 15 inches high.

Pastel Mixture (New). Delicate shades. **Pkt., 10c.**
Finest Mixed, Pkt., 10c.

Linearis. Excellent for borders. Flowers golden orange with lemon yellow stripe. **Pkt., 15c.**

Scabious Flowered. 2 to 2½ ft. Small Scabiosa shaped flowers, fine for cutting. **Mixed. Pkt., 10c.**

Hardy Perennial and Biennial Flower Seeds

Hardy perennials appeal mostly to people who have not the time to bother with plants that have to be reset every spring. Hardy plants will increase in beauty each year. Most all perennial seeds planted in the spring bloom the following year. Seeds planted in August will give excellent results and will bloom the next season.

Alyssum—Gold Dust

Saxatile Compactum. Grows about nine inches high, producing a mass of golden yellow flowers. Per pkt., 10c.

Aquilegia (Columbine)

Grows about two feet high, blooming in May or June. Mixed, per pkt., 10c.



Aquilegia

Arabis (Rock Cress)

Alpina. A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands drought and is always neat and tidy. 6 to 9 inches. Pkt., 10c.

Bellis Perennis (Double Daisy)

A perennial plant, bearing in early spring small double white or rose-colored flowers. It succeeds best, in a rich, loamy soil, partially shaded. It is generally classed as hardy, but really needs a slight protection through the winter. 4 inches. White, Red. Mixed. Pkt., 10c.

Canterbury Bells

Large, bell-shaped flowers, blooming in July. Grows 2 ft. high. Blue, White, Rose. Mixed. Pkt., 10c.

Coreopsis

Lanceolata Grandiflora. Has large showy bright yellow flowers—a hardy plant and produced in the greatest abundance from June till frost. Pkt., 10c.

Digitalis (Foxglove)

This is a very ornamental biennial plant, almost three feet high. The racemes of thimble-shaped flowers are often two feet long.

Gloxinaeflora. Mixed. Spotted flower. Pkt., 10c.

Delphiniums

Richly Colored, Striking and Stately

One of the finest perennials, growing four feet high, and lasting long time in flower.

Bellamosa. Dark blue. Pkt., 10c.

Gold Medal Strain. Seed taken from the Gold Medal strain. Double and single and includes light blue, intense deep blue and many lighter shades. Pkt., 15c.

Belladonna. Turquoise blue. Pkt., 10c.

Bodger's Hollyhock Strain. A collection of light shades in the latest colors. Pkt., 15c.

Dianthus (Pink)

Carnation. A magnificent class of popular flowers, very fragrant, and of rich and beautiful colors. Hardy perennial. Pkt., 10c.

Gypsophila (Baby's Breath)

Delicate, mistlike flowers. Fine for bouquets. Grows 2 feet high.

Paniculata. White. Blooms the first year, if sown early. Pkt., 10c.

Gaillardia (Blanket Flower)

One of the finest perennials, blooming the entire season. Flowers are large, daisy-like, in shades of yellow with brown centers. Mixed. Pkt., 10c.

Myosotis (Forget-Me-Not)

Low-growing plants, preferring moist, shady places. Most effective grown in masses.

Victoria. Dwarf, sky blue. Pkt., 10c.

Mixed. Pkt., 10c.



Delphinium



Iceland Poppy, The Emperor

Hollyhock

Very ornamental perennials, attractive in mixed borders, making an attractive background. Flowers about 3 inches across set as rosettes around strong-growing stalks. Seed sown in May or June make fine blooming plants the following season.

Single Mixed, 10c pkt. Double Mixed, 10c pkt.

Honesty

A hardy biennial, two feet high, flowering the second year in May and June. The flowers are succeeded by singular semi-transparent seed vessels that are quite ornamental and may be kept for a long time. Pkt., 10c.

Lupine

Perennial mixed. Pkt., 10c.



Veronica Spicata

Phlox (Perennial)

One of the most beautiful of the perennials, growing 2 to 3 feet high, with large heads of flowers. Pkt., 10c.

Perennial Poppy

Iceland. Blooms the first year from seed. Colors range from white to orange. Pkt., 10c.

The Emperor (New). Very large orange flowers. Pkt., 15c.

The Empress (New). Gorgeous, large salmon rose blooms. Pkt., 15c.

Oriental. Very large bright scarlet flowers. Fine for borders and amongst shrubbery. Pkt., 10c.

Polyanthus

Grows about one foot high, blooming in June and July. Pkt., 10c.

Pyrethrum

Golden Feather. Yellow foliage. Fine for edging flower beds. Pkt., 10c.

Scabiosa (Hardy)

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location. Should be grown in every garden. They last long when picked and placed in water.

Caucasica (Blue Bonnet). A charming soft shade of lavender. Blooms from June to September; 18 to 24 inches high. Pkt., 10c.



Sweet William

Shasta Daisy

A hardy perennial, lasting in bloom for a long time. Flowers are white, and from one to four inches across. Pkt., 10c.

Sweet Rocket

An early flowering perennial, about 18 inches high, with fragrant purple and white flowers. Pkt., 10c.

Sweet William (Dianthus barbatus)

A well-known, attractive, free-flowering hardy perennial, producing in early summer a splendid effect in beds and borders with their rich and varied flowers, 12 to 18 inches. White, Pink, Crimson, Mixed. Pkt., 10c.

Veronica (Speedwell)

An elegant hardy perennial of easy culture, and free-flowering. Grows about 2 ft. high and is good for cut flowers.

Longifolia, dark blue spike. Pkt., 10c.

Spicata, light blue. Pkt., 10c.

Build a Rock Garden—It's Fun

A healthful and enjoyable hobby the whole family will enjoy.

The Rock Garden

Location. The average city or suburban property readily provides ample space for the little rock garden. It may be located between the driveway and the lot lines near the garage, and the bare space next to the house between side or rear group foundation plantings, next to the side of the garage, or any available space on the property not being used, such as on the terrace between two garden levels.

Drainage. To provide drainage, it is best to place a four to eight-inch layer of small stones or cinders about 10 inches under the rock garden level, before treating the soil and placing the rocks.

Materials. The charm of correctly built rock gardens lies in the contrast between the dull gray or brown stones and the bright hues of the flowering plants. Thus, it is not in good taste to use bright colored stones in the construction. Lime-

stone and sandstone rocks are best, or if not obtainable, rocks quarried on the property may be used, if they are not brightly colored. They should be placed irregularly in the soil mixture consisting of two parts loam, one peat moss or decayed leaves, and one part coarse sand.

Construction. Mark out the irregular outlines of the bed and excavate to a depth of 18 or 24 inches. Fill in the bottom of excavation with stone or gravel to ten inches below the ground level. Place on the top of the stones a layer of overturned sod, to prevent the dirt filler to be put over the stones from washing down into the stones. Then fill with earth from the excavation, raking the bed to a desired shape. Cover with 12 inches of good mixture. Allow this to settle for several days.

10 WONDER ROCK GARDEN PKTS. SEEDS AS BELOW \$.90

**THE K. & W.
COMPLETE
ROCK GARDEN
COLLECTION
19 Packets \$1.85**

- Achillea, The Pearl
- Alyssum saxatile
- Anemone pulsatilla
- Aquilegia coerulea
- Aquilegia, long spurred
- Arabis alpina
- Armeria formosa
- Aster, alpinus
- Aubrietia deltoides
- Candytuft sempervirens
- Cerastium tomentosum
- Dianthus deltoides
- Gypsophila repens
- Myosotis palustris
- Primula veris
- Poppy, Iceland
- Sedum acre
- Statice latifolia
- Viola cornuta



**WONDER ROCK
GARDEN
COLLECTION**

10 Packets \$.90

**1 Packet Each as Listed
Below :**

- Arabis
- Achillea
- Anemone
- Alyssum
- Columbine
- Gypsophila
- Dianthus deltoides
- Candytuft
- Sedum acre
- Viola

K. & W. Approved Rock Garden Varieties—All Different

19 PACKETS, VALUE \$2.10 — OUR PRICE \$1.85

Once planted will continue to bloom and yield an annual wealth of beautiful flowers year after year.

	Per Pkt.
Achillea, The Pearl, double white, 2 ft.	\$.10
Alyssum saxatile, yellow, 1 ft. ....	.10
Anemone pulsatilla, violet purple, 9 to 12 in. ....	.10
Aquilegia coerulea, blue, 2 ft. ....	.10
Aquilegia, long spurred, mixed, 2 ft. ....	.10
Arabis alpina, white, 6 in. ....	.10
Armeria formosa, deep pink, 1 ft. ....	.10
Aster, alpinus, blue, 1 ft. ....	.15

	Per Pkt.
Aubrietia deltoides, lavender-blue, 4 in.	\$.15
Candytuft sempervirens, white, 1 ft. ....	.10
Cerastium tomentosum, dwarf white, 4-8 in. ....	.10
Dianthus deltoides, brilliant carmine, 8 in. ....	.15
Gypsophila repens, white, 8 in. ....	.15
Myosotis palustris, blue, 1 ft. ....	.10
Primula veris, mixed, 6 in. ....	.10
Poppy, Iceland, mixed, 1 ft. ....	.10
Sedum acre, yellow, 6 in. ....	.10
Statice latifolia, lavender, 18 in. ....	.10
Viola cornuta, mixed, 6 in. ....	.10

List of Hardy Perennial Plants

That these plants may reach the purchaser in the best possible condition they will be carefully packed at the nursery and sent by parcel post or express direct to their destination. If sent by parcel post add 10c for each plant, two cents for each additional plant.

The prices of all perennials, except as noted, are 25c each, \$2.50 per dozen, \$18.00 per 100. Six of one kind at dozen price. Fifty of one kind at 100 price.

ACHILLEA (Milfoil or Yarrow).

Perry's White. 20 in. New variety. June to September.

ACONITUM napellus (Monkshood). Dark blue flowers from July to September. 3 ft. **Each 35c.**

ALYSSUM saxatile compactum (Basket of Gold). 1 ft. A grand plant for the rockery or border. April to June.

ANEMONE japonica rubra (Windflower). 2 to 3 ft. Flowers of medium size, color rose; stamens yellow. September to November.

AQUILEGIA (Columbine).

California Hybrids. All colors. May. 2 ft.

coerulea (Rocky Mountain Blue Columbine). 2 ft. Long spurs, blue and white flowers. May to July.

ARABIS alpina (Rock Cress). 6 in. Early white spring-flowering plants. Fine for rock work and borders. April to June.

ARMERIA maritima (Sea Pink or Thrift). 1 ft. A fine plant for rockeries or edgings; flowers bright pink.

ASCLEPIAS tuberosa (Butterfly Weed). One of the showiest of our native flowers; brilliant orange. June to July.

ASTER (Michaelmas Daisies). These are our most showy fall flowers.

Climax. 5 ft. Light bluish lavender. August to October.

BOLTONIA asteroides (False Chamomile). 5 to 6 ft. Fine late-flowering perennials. Aster-like white flowers. August and September.

CAMPANULA carpatica (Harebell). 9 in. Erect blue flowers, useful for edgings. June to September.

medium calycanthema (Cup-and-Saucer). Biennial. Separate colors.

CENTAUREA montana. 20 in. Large purple flowers. Fine for cutting. June.

CERASTIUM tomentosum (Snow-in-Summer). 5 to 6 in. Low growing plant. Silvery foliage, white flowers; fine for rockeries.

CHELONE lyonii (Turtlehead). 2 ft. Showy deep red flowers, bearing Snapdragon-like blooms and spikes. August to September.

CHRYSANTHEMUMS (Hardy Garden Varieties).

coreanum (Korean Chrysanthemum). 2 to 3 ft. September and October. A superb garden plant, coming into bloom before the first frosts. Flowers are single, 2 to 3 inches across, white at first, acquiring a rose-pink tinge with age.

Burbank's Shasta Daisy. 1½ ft. Large snow-white flowers; blooms all summer.

COREOPSIS. One of the best blooming all-summer plants we have.

lanceolata grandiflora. 2 ft. Large golden yellow.

DELPHINIUM (Larkspur).

Choice Mixed English Hybrids.

DIANTHUS plumarius (Garden Pinks). A valuable and showy border plant; single and double. Very fragrant. May to August.

DICENTRA, or Dielytra (Bleeding Heart).

spectabilis. 2 ft. An old-fashioned favorite. May and June. **50c each.**

DIGITALIS (Foxglove). The flower heads are over 3 ft. long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose.

GAILLARDIA grandiflora (Blanket Flower). 2 ft. Large crimson and gold; good for cutting. June to November.

GYPSOPHILA paniculata (Baby's Breath). 2 ft. An old-fashioned favorite; very useful, pure white flowers. June to August.

Bristol Fairy. Double. **50c each.**

HOLLYHOCKS. Finest double variety. Separate colors or mixed.

Finest Single Varieties.

IRIS GERMANICA (German Iris). It is probable that the greatest range of color is found in this section—from pure white through all shades of mauve to blue and dark purple; the flowers are regular orchids in beauty and structure.

IRIS KAEMPFERI (Japanese Iris). All the colors of the rainbow seem to have been gathered together in them in the most fascinating combinations.

LOBELIA (Cardinal Flower).

cardinalis. Long, dense spikes of handsome rich cardinal-red flowers.

LUPINUS (Lupine).

polyphyllus. Deep blue pea-shaped flowers on long spikes. June to September. 2 to 3 feet.

polyphyllus albus. Pure white.

PAPAVER (Poppies).

orientale. The common variety of Oriental Poppy. The flowers are a bright scarlet with a black blotch at the base of each petal, and when in bloom in the spring they make a very brilliant display.

Iceland. A beautiful species and among the most desirable of our herbaceous plants.

PÆONIA (Peonies). Strong roots containing three or more eyes. **50c each, \$5.00 per dozen.**

PHLOX paniculata (Hardy Perennial Phlox). A succession of flowers of greatest beauty, from early July until frost, in softest tones of pink and rose, salmon and white in great paniced blooms.

PHYSOSTEGIA virginica (False-dragonhead). One of the most attractive mid-summer plants, covered with clear pink, heath-like flowers. July and August.

PLATYCODON grandiflorum (Japanese Balloon Flower). 2½ ft. Large blue, Campanula-like flowers. July to October.

PYRETHRUM roseum (Persian Daisy). 2 ft. One of the showiest flowers; of great value for cutting. June to July. Single. Mixed.

RUDBECKIA lanceolata (Goldenglow). 5 to 6 ft. Double yellow. Cactus-Dahlia-like flowers. July to September.

SEDUM acre (Gold-moss). 4 in. Bright yellow, with green foliage. May to July.

SCABIOSA (Blue Bonnet).

caucasica. A soft charming shade of lavender. June to September.

STOKESIA cyanea (Cornflower Aster). 2 ft. Lavender-blue. A native plant; fine for cutting. July to October.

TRITOMA uvaria grandiflora (Flameflower). 4 ft. Orange-scarlet. August to November.

VALERIANA (Spurred Flower).

Officinalis (Hardy Garden Heliotrope). Produces showy heads of rose tinted white flowers during June and July, with strong heliotrope odor.

VERONICA (Speedwell).

fliformis. Is an evergreen flowering ground-cover. It makes rich, fluffy masses of light-green foliage; small, rounded leaves; small, starry, white-and-china-blue flowers. **40c each; \$4.50 doz.**

Kendall & Whitney's Choice Dahlias

Decorative Dahlias

Autumn. Rust and orange, very large	\$.75
Bashful Giant. Apricot .....	.25
Calvin Coolidge. Rose-pink suffused salmon .....	.25
Eleanor Martin. Rosaline purple .....	.25
Jane Cowl. Large buff and gold .....	.35
The World. Deep magenta and silver .....	.35
Dwight Morrow. Rich deep red	1.00
Centennial. One of the largest whites .....	.50
Kentucky Red. Dazzling red .....	.75
Rose Fallon. Amber-russet .....	.35
Marmion. Pure gold, very large .....	.25
Walkover Prince. Mahogany-red and gold .....	.75
Winfield Slocombe. One of the best golden buffs .....	.25
Shahrazad. Deep pink, large .....	.75
Robert Scott. Large yellow	1.00

Cactus Dahlias

Jean Trimbee. Petunia violet	\$1.00
Satan. Immense red	1.00
Gladys Sherwood. Large white .....	.50
Emma Marie. Pink and white .....	.25
Roycroft. Buff and russet .....	.25
Josephine G. Rose-pink tipped yellow .....	.50
Bob Pleuse. Maroon and white .....	.35
Chemar's Masterpiece. Orchid-pink .....	.50

Single Dahlias

Poland Spring. Red, gold center	\$.25
Lavender. Orchid .....	.25
Tango. Orange .....	.25
Snowflake. White .....	.25
Eckford Century. White penciled carmine .....	.25

Show or Ball Dahlias

Uncertainty. Red and white	\$.35
Elsie Davidson. Yellow .....	.25
Red Sox. Red, free bloomer .....	.25
Black Diamond. Black-maroon .....	.35
Phortos. Large crimson .....	.25
Dee-lighted. White .....	.25

Pompon Dahlias

Amber Queen. Clear amber	\$.25
Bobby. Rich plum .....	.20
Belle of Springfield. Tiny red .....	.15
Golden Queen. Deep yellow .....	.25
Guiding Star. White .....	.20
Gruss im Wein. Crushed strawberry .....	.25

Collarette Dahlias

Flanders Field. Bright scarlet	\$.35
Ami Nonin. Old rose, white collar .....	.25
Scarlet Queen. Scarlet, gold collar .....	.25

Miniature Dahlias

Gaiety. Bright red and white .....	.25
Little Rhoda. Orange-rose .....	.25
Little Jewel. Pink .....	.25

Specials

Special No. 1.	
12 Unnamed Dec. Dahlias, value \$3.00	\$2.00
Special No. 2.	
12 Unnamed Pompon Dahlias, value \$2.50	1.50
Special No. 3.	
12 Unnamed Mixture, large, value \$5.00	3.00

Summer-Flowering Bulbs

Dutch Bulbs for winter and spring blooming. These bulbs are imported directly from Holland growers, from whom we have had bulbs for more than 20 years, so we are assured of the quality. Our assortment will consist of hyacinths, tulips, narcissus and crocuses, and will be ready for shipment about October 1st. Send for our bulb list giving directions for growing and prices. No class of plants is easier to grow successfully than these bulbs, so do not fail to enjoy their flowers during the winter and spring months.

Caladium and dahlias ordered by mail are subject to an extra charge of 12c per dozen for postage. All other bulbs ordered by mail are subject to an extra charge of eight cents per dozen for postage.

CALADIUM ESCULENTUM (Elephant's Ear). To get early growth it is best to start inside. Price, 15c each; per doz., \$1.50.

CHINESE CINNAMON VINE. A beautiful hardy climber of rapid growth. The vine dies down in fall but the root is hardy, living in the ground through the winter. Price, 10c each; per doz., \$1.00.

DAHLIA. A large assortment of colors. All bulbs started for early flowering. Price, 25c each; per doz., \$2.75.
See named varieties listed above.

GLOXINIAS. Splendid for house or garden. Start in the house but do not put outside before warm weather. Price, 30c each; per doz., \$3.25.

MADEIRA VINE. A rapid climber with glossy leaves and feathery, fragrant white flowers; plant when ground is warm. In the fall take up bulbs and store in a cool, dry place. Price, 8c each; per doz., 75c.

TUBEROSE. One of the most popular and fragrant of summer flowering bulbs. For early blooms start in the house. Price, 8c each; per doz., 75c.

TUBEROUS ROOTED BEGONIA. Fine for shady places. Start early in the house and plant out about June 1st. Single varieties, price, 20c each; per doz., \$2.00. Double varieties, price, 20c each; per doz., \$2.00.

Potted Roses

These Roses are potted in a new type of waterproof paper pot which prevents the roots from becoming dry and insures success when planted. The Hybrid Tea and Hybrid Perpetual Roses bloom the first season. Our assortment contains among others:



Hybrid Tea Roses

- Dame Edith Helen. Large, double pink.
- Etoile de Hollande. Red.
- Joanna Hill. Yellow.
- Mme. Butterfly. Pink, gold and apricot.
- Radiance. Carmine-pink.
- Souv. de Clandins Pernet. Yellow.
- Talisman. Rose, apricot shading to yellow.

Hybrid Perpetual Roses

- Frau Karl Druschki. White.
- Gen. Jacqueminot. Crimson.
- Geo. Arends. Soft pink.

Climbing Roses

- Blaze. Scarlet. Price, \$1.25.
- Climbing American Beauty. Rose-pink.
- New Dawn. Shell-pink. \$1.50.
- Silver Moon. Silvery white.
- Primrose. Primrose-yellow.

Prices

Except on Patented Roses. Each, \$1.00. By mail, \$1.15.

Shrubs—Flowers—Vines
Bedding Plants

Hardy Plants and Shrubs

These can be supplied on short notice. The demand for hardy perennials is continually on the increase, as they bloom year after year with only slight care. To insure the plants reaching the purchaser in the best possible condition they will be sent direct from nurseries. The following is a partial list of what we can supply:

Ornamental Shrubs

Weigela	\$.75
Forsythia .....	.60
Honeysuckle .....	.60
Hydrangea .....	.60
Syringa .....	.60
Spirea .....	.60
Lilacs .....	.60
Bridal Wreath .....	.60
Golden Leaved Elder .....	.60
Bush Roses .....	.75
Climbing Roses .....	.75

Climbing Vines

Woodbine	\$.60
Boston Ivy .....	.60
Dutchman's Pipe	1.10
Clematis paniculata .....	.60
Clematis Jackmani	1.00
Honeysuckle .....	.60
Wisteria	1.00

Hedge Plants

Japanese Barberry. 12 to 18 inches, \$17.00 per 100; 18 to 24 inches, \$21.00 per 100.

Flower Seedlings

Aster, Pinks, Petunia, Stock, Pansies (choice strain) Marigold, Phlox, Snapdragon, Zinnia and Verbenas.

Bedding Plants

We have available during the season the following plants, they are for local delivery only, and cannot be sent by mail.
Geraniums in 3 inch and 4 inch pots.
Cannas and Fuchsias in 4 inch pots.
Heliotrope, Calendulas and Lobelias in 3 inch pots.

Flowers for Special Requirements

FOR CUT FLOWERS

Arctotis	24 in.
Aster	18 to 30 in.
Calendula	18 in.
Coreopsis	18 to 24 in.
Candytuft	12 in.
Clarkia	24 in.
Cosmos	4 ft.
Gaillardia	18 in.
Gypsophila	30 in.
Lupine	24 in.
Marigold	8 to 30 in.
Salpiglossis	30 in.
Snapdragon	24 to 30 in.
Sweet Pea	4 ft.
Zinnia	30 in.

FOR FRAGRANCE

Alyssum	10 in.
Candytuft	12 in.
Heliotrope	24 in.
Sweet Rocket	18 in.
Lavender	24 in.
Mignonette	12 in.
Sweet Pea	4 ft.
Sweet William	24 in.

FOR PARTIAL SHADE

Balsam	18 in.
Clarkia	24 in.
Columbine	30 in.
Mignonette	12 in.
Forget-Me-Not	10 in.
Sweet William	24 in.

FOR MIDSEASON BLOOMING

Ageratum	8 to 12 in.
Swan River Daisy	10 in.
Coreopsis	18 to 24 in.
African Daisy	12 in.
Eschscholtzia	12 in.
Gaillardia	18 in.
Nasturtium	12 in.
Petunias	15 in.
Phlox	12 in.
Poppy	18 to 30 in.
Scabiosa	30 in.
Verbena	8 in.

FOR LATE BLOOMING

Alyssum	10 in.
Aster	18 to 30 in.
Calendula	18 in.
Coreopsis	18 to 24 in.

Cosmos	4 ft.
Gaillardia	18 in.
Marigold	8 to 30 in.
Snapdragon	24 to 30 in.
Zinnia	30 in.

FOR WINDOW BOXES

Ageratum	8 to 12 in.
Coleus	12 in.
Heliotrope	24 in.
Lantana	24 in.
Lobelia	5 in.
Nasturtium, Dwarf	12 in.
Petunia	15 in.
Phlox	12 in.
Thunbergia	4 ft.
Verbena	8 in.

CLIMBERS

- Cypress Vine
- Hyacinth Bean
- Gourd
- Hop Vine
- Morning Glory
- Scarlet Runner Bean
- Tall Nasturtium
- Sweet Pea

SEED DISINFECTANTS

Control Seed-borne Diseases of Farm Crops
Stimulate Germination - Improve Stands
Generally Produce Increased Yields of Higher Quality

SEMESAN JR. FOR CORN

4-oz. pkg.	\$.30
1-lb. pkg. ....	.75
5-lb. pkg.	3.25

SEMESAN FOR FLOWERS AND VEGETABLES

2-oz. pkg.	\$.35
1-lb. pkg.	2.25
5-lb. pkg.	9.90



SEMESAN BEL FOR POTATOES

4-oz. pkg.	\$.45
1-lb. pkg.	1.50
5-lb. pkg.	6.75

SEMESAN SPECIAL FOR BROWN PATCH

5-lb. pkg.	\$ 7.00
25-lb. pkg.	33.00

CERESAN, IMPROVED FOR WHEAT, OATS, BARLEY

1-lb. pkg.	\$.70
5-lb. pkg.	3.00

SEED INOCULATION

NOD-O-GEN

Means Better Crops, Better Soils
Less Fertilizer Expense

NOD-O-GEN is a culture of bacteria put up on a pure, sterilized jelly medium, in bottles. The bacteria are especially selected and bred for maximum vitality and ability to form nodules and take nitrogen from the air. NOD-O-GEN contains many millions of active hardy legume bacteria, guaranteed to produce results.

NOD-O-GEN is economical and easy to use. Full directions for use accompany each package. NOD-O-GEN is dated and guaranteed for a full year.

ORDER BY NUMBER OR SEED TO INOCULATE

VARIETY NO. 1, Red, Mammoth, Alsike, Crimson, Egyptian, and White Clover.

VARIETY NO. 2, Alfalfa, White Sweet Clover, Yellow Sweet Clover, Bur Clover and Hubam Clover.

	Retail Price
1/2-bushel size	\$.30
1-bushel size .....	.50
2 1/2-bushel size	1.00

VARIETY NO. 3, All Vetches, Canadian Field Peas, Broad Beans, Sweet Peas, Perennial Peas and Garden Peas.

VARIETY NO. 7, Cowpeas, Peanuts, Lima Beans and Velvet Beans.

VARIETY NO. 8, Garden Beans, Field Beans, Navy Beans, Kidney Beans and Scarlet Runner Beans.

VARIETY NO. 9, Soybeans, any variety.

	Retail Price
1-bushel size	\$.40
2-bushel size .....	.70
5-bushel size	1.70

SPECIAL NOD-O-GEN (Garden Size) Garden Peas, Beans and Sweet Peas only ... \$.25



1938 Price Reductions

AGAIN MARKS LOWEST
PRICE in NITRAGIN HISTORY
Fresh Each Year—High Count

Only 50¢

Per 1 BU. SIZE
ALFALFA and CLOVER



EST. in
1898
39 Years
of Service

BUILD UP YOUR SOIL

Inoculate Your Legumes with NITRAGIN

Make the most of your seed, soil and labor. Don't let legumes rob your soil—be sure they are soil builders.

Remember legumes NOT Inoculated are "SOIL ROBBERS" but legumes WELL Inoculated are "SOIL BUILDERS." Play safe!

INOCULATE WITH NITRAGIN

Nitrugin is an approved, moist soil culture—tested and guaranteed—easy to apply—packed with Billions of fresh bacteria—the cheapest legume crop insurance money can buy. Direction on every can.

With New Low Prices in 1938, you can afford to inoculate all your legumes with Nitrugin

NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA, all CLOVERS

Size	Price
1/2 bu. ea.....	\$.30
1 bu. ea.....	.50
2 1/2 bu. ea.....	1.00

VETCH, AUSTRIAN PEAS CANADIAN PEAS, BEANS

1/2 bu. ea.....	\$.25
1 bu. ea.....	.40
*1 2/3 bu. (100lb size) ea.	.60
5 bu. ea.....	1.70
*12 1/2 bu. ea.....	4.00
*100 lb. size and 12 1/2 bu. size packed only for Vetch and Peas	

NITRAGIN GARDEN SIZE for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines.
Retail Price.....10c each.

LESPEDEZA Unhulled or Hulled

Size	Price
1 bu. ea.....	\$.30
2 bu. ea.....	.50
5 bu. ea.....	1.00

PEANUTS, SOY BEANS, COW PEAS, LIMA BEANS

1 bu. ea.....	\$.30
2 bu. ea.....	.50
5 bu. ea.....	1.00
10 bu. ea.....	1.60
*25 bu. ea.....	3.00
*25 bu. size packed only for Soy Beans, Cow Peas, Peanuts	

NITRAGIN — Oldest and Most Widely Used Inoculator in America

Fresh Vegetables for Home and Market

All of the finest varieties, including those developed by Kendall & Whitney, and other outstanding American seedsmen, now popular among home and market growers everywhere.

Asparagus Seed

An ounce will sow about 60 feet of drill, and produce 200 or more plants.

Culture. In early spring sow the seed, after soaking it 24 hours in warm water, in drills 1 foot apart, and 1 inch deep. During the summer keep soil mellow and free from weeds, thinning the plants to 4 inches apart. The following spring transplant them into permanent beds that have been deeply dug and highly manured. One ounce to 50 feet of row; 5 pounds per acre.

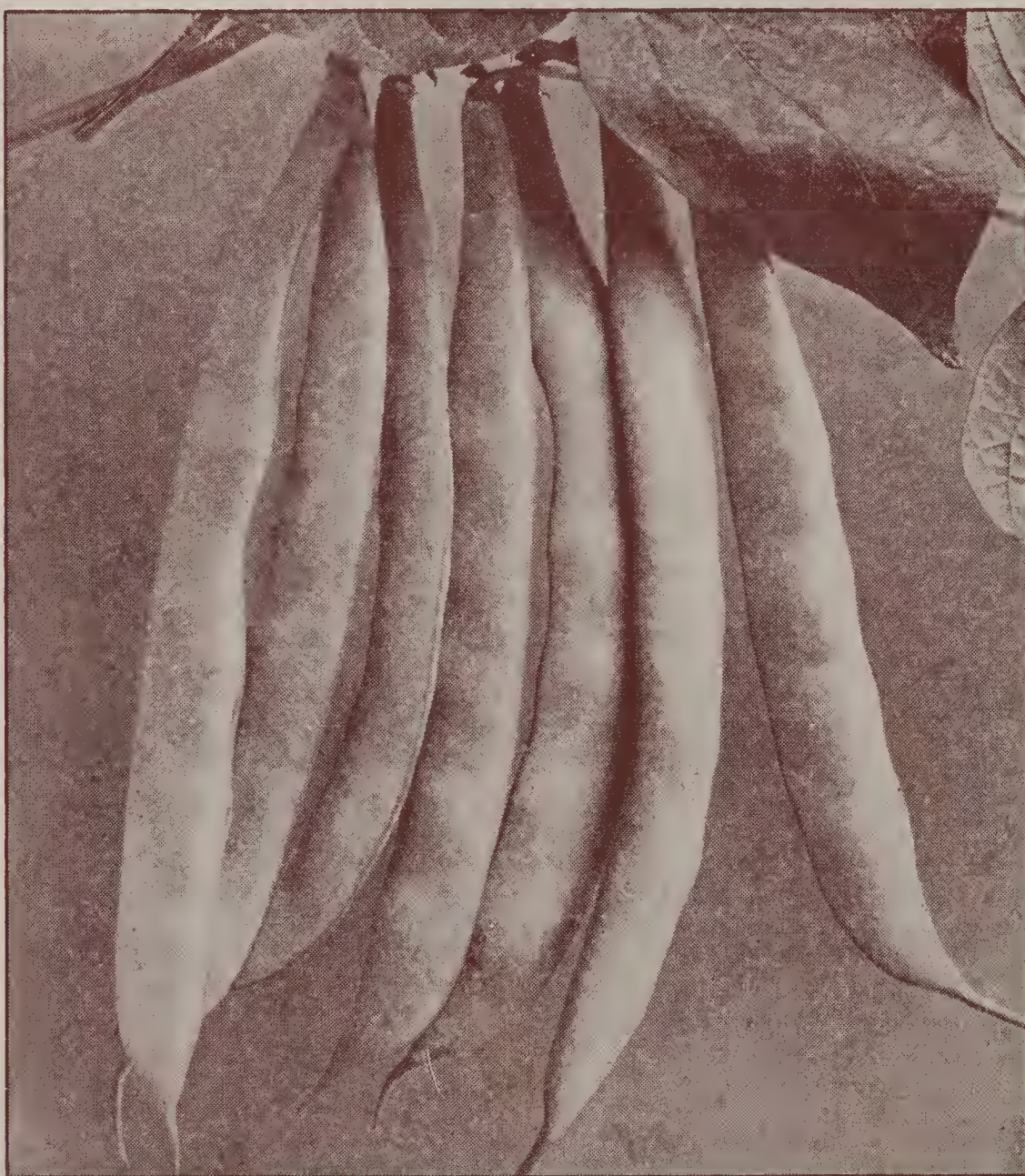
MARY WASHINGTON. This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is some earlier. Tips very compact and a rich purplish

green. The whole stalk from base to tip is remarkably tender. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Asparagus Roots

The easiest way to obtain an Asparagus bed is to set out the roots. It takes three years to establish one from seed, but with our large, two-year roots a bearing bed may be had in two years. We can furnish strong, selected roots, of the variety listed, 50 in a bunch at the following prices:

Mary Washington, 2-year-old, per 100, \$2.00.



Green Podded Bush Beans

BEANS Dwarf or Bush

A succession of sowings can be made from the first week in May until August. Plant about two inches deep, from 18 in. to 2 ft. apart, according to richness of soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart. Frequent pickings insure a more prolonged bearing season. Avoid jerking the plants, as it frequently disturbs young feeding roots. Use the finger nails to sever the stems. Do not pick when bushes are wet, as this may cause blight and rust. For succession in the home garden plant 30 feet of row every other week up to August.

Two pounds are sufficient for 100 feet of drill; 90 pounds for one acre. Beans ordered by mail are subject to an extra charge of 8 cents per pound for postage. For larger shipments by mail see rates on page 2.

Green Podded Bush Beans

Bountiful. One of the best and most prolific market and home garden varieties. The pods are flat, light green, 6 to 6½ inches long, and absolutely stringless. It is particularly satisfactory for succession plantings. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Burpee's Improved Bush Lima. This is a decided improvement over the old bush lima. The pods are larger, containing a greater number of seeds, and the plants are more prolific. Plant only when the soil is warm. Used as a shell bean. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Dwarf Horticultural. An excellent dual purpose bean, used both as a snap and shell bean. The plants are vigorous, prolific, producing quantities of flat, stringless pods, 5 inches long. Mature pods are splashed with carmine red. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Improved Stringless Green Pod. This standard variety has now been improved so that it is more prolific, produces longer pods, and is quite disease resistant. The pods are round, 6 to 8 inches long, and stringless. A superb home garden variety. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Low's Champion. By far, the most popular flat, green podded variety for New England plantings. The dark green pods are 5 inches long, tender and stringless. Excellent as snap, shell and baking beans. A very hardy and prolific strain. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Tendergreen. A new variety which has become very popular. The plants are early and prolific, bearing a large number of slender, long, round, meaty pods, which are crisp, snappy, tender, and stringless. Also called Imperator and New Stringless Green Pod. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

English Beans

BROAD WINDSOR. Plant as early in the spring as the ground can be worked, from 2 to 4 inches apart, in drills from 24 to 30 inches apart. As soon as the plants are in full blossom, and the lower pods begin to set, pinch off the tops; this will insure the filling of the pods and hasten the maturity of the seed. 1 lb., 35c; 2 lbs., 65c.



Wax Beans

Yellow Podded or Wax Bush Beans

Brittle Wax. A very outstanding, superior wax podded variety, for home gardens and canning. The plants are large, erect, vigorous and productive. The handsome pods are bright, medium yellow, round, slightly curved, extremely brittle, succulent, and absolutely free of strings and fiber. The standard of the highest quality. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Landreth's Top Notch Golden Wax. This new strain of a popular variety is a very decided improvement. The plants are more productive, decidedly disease resistant, and the pods are larger and of excellent quality. If a flat, thick, broad wax podded variety is desired, try Top Notch Golden Wax. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Pencil Pod Black Wax. A standard, popular, dependable, hardy variety, particularly adapted for early plantings and sowings under unfavorable conditions. The plants are large, vigorous, and prolific, producing round, curved, meaty stringless pods, 6 to 7 inches long. Quality excellent. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Sure Crop Wax. For some time, this has been the standard, quality, flat wax podded variety. The seeds are black so that they can be planted early. The plants are vigorous, and productive, while the 6 inch pods are long, flat, thick, meaty, brittle and absolutely stringless. A reliable variety for New England. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Field Beans

Any of the varieties listed below can be easily raised to produce a liberal supply of dry beans for baking.

Pea or White Navy. We have an excellent strain of this popular baking bean. It is extremely prolific and quite resistant to the common diseases. The seeds are small, round-oval, and white. 1 lb., 20c; 2 lbs., 35c.

Red Kidney. This variety is always popular, if a large seeded, mealy, well flavored baking bean is desired. The plants are very vigorous, prolific, and disease resistant. Seeds reddish brown. A quality variety. 1 lb., 20c; 2 lbs., 35c.

Yellow Eye (State of Maine). The most popular of the various strains of Yellow Eye Beans. The white seeds, with a yellow eye, are very mealy and dry when baked. The flavor is less distinct than with Red Kidney. 1 lb., 20c; 2 lbs., 35c.

Pole or Running Beans

The planting of the various sorts of pole beans should be delayed a week or more after the first planting of the early dwarf sorts. They succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

Two pounds will plant 150 hills; 20 to 24 pounds to the acre.

Golden Cluster Wax. Undoubtedly one of the best wax podded pole beans. The large, vigorous, prolific plants produce ample flat, smooth, waxy yellow, tender, stringless, fiberless pods, 7 inches long. Excellent snap, shell or dry bean. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Kentucky Wonder Green Pod. This variety has long been the standard green podded pole bean. The long pods, 7½ to 8½ inches, are round, meaty, curved, dark green, brittle and constricted between seeds. Although slightly stringy, the pods are fiberless and of excellent quality as a snap bean. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Kentucky Wonder Wax. A very popular wax podded pole bean. The plants are vigorous, prolific, and excellent climbers. The waxy yellow, flat pods, 7 to 8 inches long, are meaty, tender and stringless. Quality excellent. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Lazy Wife. A very prolific variety which should be more universally planted. The plants are vigorous, and the stringless pods are excellent as snap beans. It can also be used as a shell and dry bean. White seeded. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

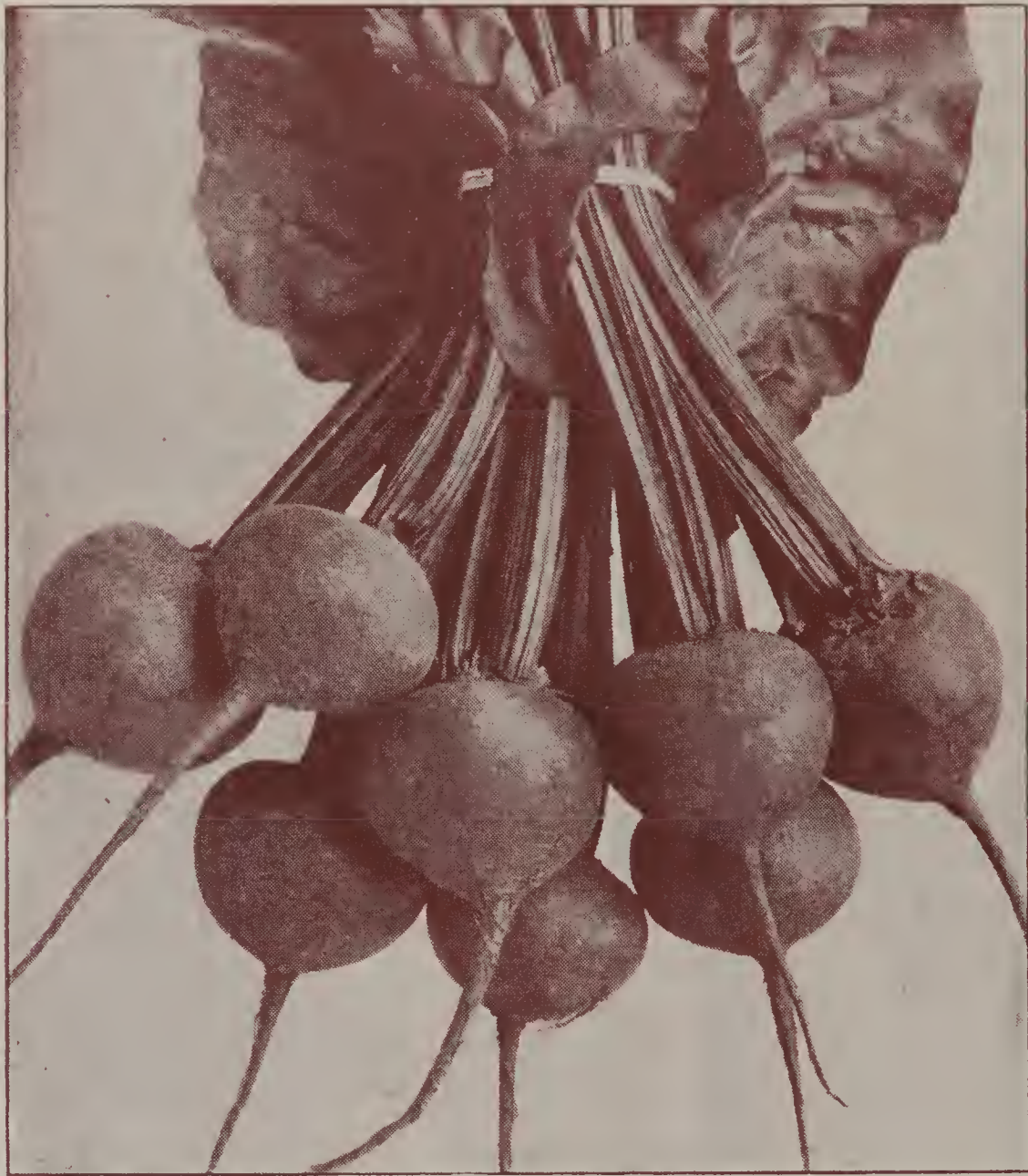
London Horticultural. In New England, where our seasons are relatively short, Horticultural beans are popular for the production of shell and snap beans. The plants are hardy, vigorous and prolific, bearing flat, oval, meaty, stringless pods of excellent quality. Desirable for home and market gardens. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Mammoth Pod Horticultural. The largest podded and largest seeded variety of Horticultural beans. The pods are very attractive, being heavily splashed with red. The pods, like those of London Horticultural, are free from fiber and of good quality. Really a super shell bean. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Red Cranberry. This native strain of Cranberry bean has red seeds similar to Low's Champion. It is a very prolific strain producing sizable, round, meaty, almost stringless pods. An excellent shell and snap bean. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Large Pole Lima. One of the best pole varieties for planting under New England conditions. Seedlings can be started indoors, by planting several seeds in pots or containers; to advance the season. A very vigorous grower, producing large pods which are well filled with large, flat, quality shell beans. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.

Small Lima. This type of pole lima bean is very prolific, and is excellent where the small seeded green shell and dry beans are required. They should not be planted in the open until the soil is warm and mellow. 1 lb., 30c; 2 lbs., 50c; 8 lbs., \$1.75.



Detroit Dark Red Beet

Table Beets

One ounce to 50 feet of drill; 6 pounds to the acre.

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills 14 inches apart, and thin to 4 inches; for the main crop, sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and storing the roots, care must be taken that they are not bruised.

ASGROW WONDER. A new superior variety, with medium tops, semi-globular, deep red roots, having a small neck. Flesh purplish red, crisp, tender and of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

CROSBY'S EGYPTIAN. As early as the Egyptian, shape more round, flesh sweet and tender. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

DETROIT DARK RED. Similar in shape to the Dewing's, of dark red color, with small tops. A favorite with market gardeners. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

DEWING'S BLOOD TURNIP. Of fine form and flavor, blood red. A desirable variety. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

DIRIGO EXTRA EARLY. A rich, blood-red beet of fine grain and flavor, earlier than the Egyptian or the Eclipse. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

EARLY WONDER. A popular variety among market gardeners. It matures very rapidly and is so uniform in growth that the crop can be lifted practically at one time. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

ECLIPSE. This variety is about as early as Egyptian, but larger and of finer quality; color dark crimson. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

EDMAND'S EARLY TURNIP. A variety of handsome round shape. The skin is deep blood red in color, the flesh very dark and exceedingly sweet and tender in quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

SWISS CHARD, Lucullus. The leaves of Swiss Chard are used as greens, cooked in the same manner as spinach, and the large ribs are prepared like asparagus, in which manner they are delicious. The "Lucullus" is the largest and the best variety of Swiss Chard. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Mangel-Wurzel and Sugar Beet

These beets, which have for a long time been grown abroad by stock raisers and dairymen, can be used to advantage in place of some of the more expensive mill feeds, and should be planted more extensively than they are. For poultry they furnish a valuable winter feed, much relished by the hens. From ten to fifteen tons can be raised on one acre.

Sow in May or June—5 pounds per acre.

ALLEN'S MAMMOTH LONG RED

MANGEL-WURZEL. A variety producing roots of mammoth size. Pkt., 10c; ¼ lb., 30c; 1 lb., 75c.

GOLDEN TANKARD MANGEL-WURZEL. Bright yellow; very productive. Pkt., 10c; ¼ lb., 30c; 1 lb., 75c.

SUTTON'S PRIZE WINNER-MANGEL-WURZEL. Considered to be the very best of the yellow Mangels. The massive roots are of a deep globe shape, very clean in outline, with a single taproot, and carry a comparatively small amount of foliage. This variety may be relied upon to yield a profitable return on practically every class of soil that is capable of growing Mangels, and when stored in good condition the roots keep sound until the following summer. Pkt., 10c; ¼ lb., 30c; 1 lb., 85c.

LANE'S IMPERIAL SUGAR. A greatly improved variety of the White French Sugar. Pkt., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Broccoli

Broccoli is nearly related to cauliflower and may be regarded as a variety of that delicious vegetable. It is hardy and sure to head, but inferior in flavor. It succeeds best in deep, rich, moist soil and in cool weather. Seeds should be sown at the same time and plants receive the same general culture as cabbage.

One ounce of seed will produce about 2000 plants.

ITALIAN (Early Green Calabrese). A variety much liked by the Italian trade. Forms a fair-sized head; after this is cut, new sprouts grow which form small, loose heads. Pkt., 10c; oz., 50c.

Brussels Sprouts

A species of the cabbage family, producing along the stem small sprouts like little cabbages. Grown in the same manner as winter cabbage.

One ounce of seed will produce about 2500 plants.

IMPROVED LONG ISLAND. A variety of excellent quality. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.



Mangel Beet

CABBAGE



K. & W. Selected Cabbage

One ounce will produce about 3000 plants; 4 to 5 ounces to the acre.

The Cabbage is one of the most important vegetables, and some of its varieties are universally cultivated. The ground must be highly manured, deeply dug or plowed, and thoroughly worked to insure good, full sized heads. A heavy, moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring in hotbeds, or later in the open ground. 18 inches by 3 feet apart is the common distance.

ALL SEASON. Larger than Henderson's Early Summer, nearly as early; very solid and sure heading. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

COPENHAGEN MARKET. One of the best large, round head, early cabbages in cultivation, the type being thoroughly fixed and nearly all the heads maturing at the same time. The plant is short-stemmed; heads, set near the ground, and are solid, with a small core, and of fine quality. One of the very best early cabbages for market gardeners. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

DANISH BALLHEAD. (Imported). Heads round and solid. A good winter variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

DANISH BALLHEAD. (Cape Elizabeth grown). A valuable round, solid winter variety. Is a long keeper and profitable for shipping, keeping long after other sorts have gone. This particular strain is the result of years of selection, and is in great demand by those who appreciate the best. The slight increase in price over the regular seed is more than offset by the increased yield. Pkt., 10c; oz., 60c; ¼ lb., \$2.25.

EARLY JERSEY WAKEFIELD. A standard early variety for home use or market. Heads somewhat pointed. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

EXTRA EARLY COPENHAGEN MARKET. An improvement on the Copenhagen Market, being equally good and earlier. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

GOLDEN ACRE. The earliest round-headed variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

HENDERSON'S EARLY SUMMER. One of the earliest of large cabbages, coming in but a few days later than the Wakefield; heads of large size, very solid and compact. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

IMPROVED AMERICAN SAVOY. Very sweet and tender; good-sized, firm heads; very reliable and much esteemed for family use. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

MAMMOTH RED ROCK. Used almost exclusively for pickling. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

CHIHLY (Chinese Cabbage). Grows similar to Cos lettuce. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.



Henderson's Early Snowball Cauliflower

Cauliflower

One ounce will produce about 2,500 plants.

Any soil that will grow cabbages will grow cauliflower, as the requirements are almost similar, but as the product is more valuable extra manuring and preparation of the soil will be repaid. The seeds may be sown in a hotbed in March or April, and transplanted to open ground about the first of May.

Cauliflower plants ready about May 15th.

HENDERSON'S EARLY SNOWBALL. One of the best early sorts. Very reliable and grown largely for the market. Pkt., 10c; oz., \$2.50.

SUPER SNOWBALL NO. 7. Seed grown in Denmark. Large, solid head, good for early, medium or late planting. Pkt., 15c; oz., \$3.00.

Choicest Carrots

One ounce to 100 feet of drill; 3 to 4 pounds to the acre.

Carrots require a very finely pulverized soil to grow them to perfection.

A good, light and well-enriched sandy loam is the best for this crop. For field culture, sow in drills, 2 to 2½ feet apart, and for table use sow the smaller varieties in rows 16 to 18 inches apart. For early crops, cover one-half an inch deep and thin to 3 inches apart, in rows; for late, cover three-fourths of an inch deep and thin to four inches.

ASGROW IMPERATOR. New. Tops medium, flesh rich orange, with indistinct core, length 7 to 8½ inches, fine quality, and outstanding market variety. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

CHANTENAY. A choice variety, longer than the Scarlet Horn, and a little broader at the top. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

DANVERS CARROT. Bagley Strain. This is a cylindrical shaped carrot, 8 to 10 inches in length, which grows wholly in the ground and is very attractive. Probably the heaviest yielding strain on the market. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

DANVERS HALF-LONG CARROT. In form it is midway between the Long Orange and Scarlet Horn. The root is of a rich, dark orange color and grows very smooth. Very productive and keeps well. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

EARLY MARKET. A thick, stump-rooted early variety, of a brilliant color, broad at the top, gradually getting smaller towards the root, which is blunt. An excellent market sort. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

HUTCHINSON. An improved strain similar to the Danvers, but of a larger size. It is of excellent quality, and in great favor with market gardeners who find it a ready seller on account of its attractive appearance. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

IMPROVED LONG ORANGE. The best late variety. Roots of large size, heavy cropper; an excellent keeper. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

NANTES. Early, roots almost cylindrical, very smooth, and grows about 6 inches long; the flesh is entirely red, very sweet, and almost without a core. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

OXHEART. Very sweet and thick, short and fine grained. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

Field and Ensilage Corn

(56 pounds to the bushel.)

EARLY YELLOW CANADA. The variety most widely grown in northern New England. An early eight-rowed flint corn, with handsome ears and comparatively small cobs, filled to the tips with large, broad kernels.

SOUTHERN HYBRID SWEEPSTAKES. The ideal ensilage corn for New England. Produces more tons of green weight, more tons dry matter per acre. Wide leaves, thick stocky stalks with usually two large ears.

EARLY EUREKA (Ensilage). One of the tallest and best varieties of ensilage corn, producing a large amount of fodder to the acre.

IMPROVED LEAMING (Ensilage). An early, very productive variety. One of the best for ensilage; profitable as a green fodder.

SWEEPSTAKES (Ensilage). We recommend this as the best ensilage corn we know of, because of its earliness and the great amount of ensilage which it produces, as high as twenty to twenty-five tons to the acre. When many varieties of ensilage corn are just beginning to form ears, Sweepstakes corn shows good-sized ears.

K. & W. Celery

One ounce of seed produces about 4,000 plants.

To have Celery early it should be sown in a hotbed, quite early in the Spring, and when three inches high plant out in a well-prepared bed, which must be covered in frosty weather. For the principal crop sow early in the Spring, very shallow in the seed box, and when the plants are about six inches high, transplant them six inches apart into trenches for blanching. Dig the trenches four feet apart, a foot wide, and ten inches deep. Fill in five or six inches of well-rotted manure, and mix thoroughly half a spade deep with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch three or four times during their growth, taking care that no earth falls in the center of the plant.

BOSTON MARKET. A favorite variety, remarkable for its tender, crisp and succulent stems, and its peculiarly mild flavor; keeps well. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

GOLDEN PLUME OR WONDERFUL. A large early variety of fine appearance and quality, easy to blanch, and a good keeper. Pkt., 15c; oz., 60c; ¼ lb., \$1.75.

GOLDEN SELF-BLANCHING. A fine solid variety of a beautiful waxy, golden color; very thick stalks of excellent flavor; growth close, compact and of medium height. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

HENDERSON'S WHITE PLUME. Crisp, solid, and possessing a sweet, nutty flavor; requires very little labor in blanching. Very early and handsome. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

PARIS GOLDEN. Plants are stocky and full hearted, vigorous in growth and easily blanched. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

SOUP CELERY (Not for sowing). Used for flavoring pickles, soup, etc. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Sweet or Sugar Corn

One pound to 125 hills; 20 pounds to the acre.

The sweet or sugar varieties, being liable to rot in the cold, wet ground, should not be planted before the middle of May, and for a succession continue planting every two weeks until July, in rich, well manured ground, in hills three feet apart each way, covering about an inch, and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches in the rows. Corn ordered by mail is subject to an extra charge of 8c per pound for postage.

TREAT WITH SEMESAN JR.

Early Varieties

GOLDEN BANTAM. An early variety. The ears are medium size, but thickly set with delicious yellow kernels. The quality of this variety is superb, and it has become a general favorite sweet corn with all who have tried it. Golden Bantam has a flavor distinct from other sorts, and if you have never tried it in your garden, you should plant it this year. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 12½ lbs., \$2.00.

GOLDEN SUNSHINE. Of a rich, golden yellow with ears about one inch longer than the Golden Bantam and with 12 rows. Very early, being about 7 days earlier than the Golden Bantam. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 12½ lbs., \$2.00.

EARLY CROSBY. An excellent early variety. The ears are five to six inches long and the grains are white, sweet and tender. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 12½ lbs., \$2.00.

EARLY SURPRISE. The earliest white sweet corn under cultivation. The stalk is about 4 feet tall and the ears run 8-, 10- and 12-rowed and very large for such an early maturing sweet corn. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 12½ lbs., \$2.00.

WHIPPLE'S EARLY YELLOW. A remarkable new yellow sweet corn of much merit. While the stalks grow 6 feet or more in height and the 14-rowed ears are 7 to 8 inches in length, this variety matures three days earlier than Golden Bantam. The kernels are broad, deep and excellent quality. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 12½ lbs., \$2.00.



Improved White Spine Cucumber

Choice Cucumbers

One ounce to 50 hills; 2 pounds to the acre.

The Cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed best in warm, moist, rich, loamy ground. The hills should be four or five feet apart in each direction. When all danger from insects is past, leave but three or four of the strongest plants in the hill.

Dusting with Bug Death will be found effective for the cucumber beetle, and spraying with Black Leaf 40 or Ever Green for the aphids.

BOSTON PICKLING. The finest variety to grow for pickles; yields large crops; short, straight, and dark green. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

CLARK'S SPECIAL. An outstanding shipping variety holding its color and firmness when shipped long distances. Color, dark green, medium length, very smooth with few white spines. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

Swiss Chard

Swiss Chard is sometimes called Sea Kale beet. After once having used Swiss Chard for greens, we believe your garden will always have at least a row of it, for it is delicious. The leaves are used as greens, and served like spinach. The mid-ribs may be cooked like asparagus. Cuttings may be made all summer, as it can be cut down to the ground and new shoots will soon spring up and make fast growth.

LUCULLUS. Largest and best variety. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Chervil

Sow thinly in May, in drills half-inch deep, one foot apart.

CURLED CHERVIL. An aromatic sweet herb. The young leaves are used in soups and salads. Pkt., 10c; oz., 25c; ¼ lb., 85c.

Chicory

One ounce to 100 feet of drill.

LARGE ROOTED. Used to mix with or as a substitute for coffee. The roots are taken up, washed, cut in small pieces and carefully dried before being used. Cultivation same as carrot. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

Cress - Peppergrass

One ounce will sow about 100 feet of drill.

A well-known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed.

EXTRA CURLED. Very fine; may be cut two or three times. Pkt., 10c; oz., 20c.

WATER CRESS. A hardy perennial aquatic plant, growing in water along the margins of streams. Pkt., 10c; oz., 60c.

STRAIGHT EIGHT. Grows very straight about eight inches long, slender, dark green. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

DAVIS PERFECT. The cucumbers grow long and slim, sometimes measuring twelve inches in length. The color is a rich, dark, glossy green, which they hold until nearly ripe. Very tender and of fine flavor. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

EARLY FORTUNE. A prime favorite with market growers because of its extra earliness and the fine deep green color which it holds long after picking. The shape is uniform and the quality all that could be desired. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

EARLY GREEN CLUSTER. Grows in clusters, early and productive. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50.

EARLY RUSSIAN. The earliest variety. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

IMPROVED WHITE SPINE. Superior for table use; very productive; medium size, straight and well formed. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

JAPANESE CLIMBING. Quick, strong-growing vines, which may be trained upon a trellis or poles. Fruit from 12 to 16 inches in length, skin dark green, flesh pure white, crisp and of fine flavor. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

LEMON. A distinct type; nearly round, with the yellow and green markings and smooth skin of the lemon, white flesh is exceedingly tender, crisp and sweet. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

LONG GREEN. Long and crisp; a popular and reliable variety for pickling and table. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

WEST INDIA GHERKIN. Small, prickly variety, grown exclusively for pickling. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

WHITE WONDER. A new variety. Very handsome, with ivory-white fruit. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Dandelion

One ounce to 150 feet of drill; 1 pound will sow an acre.

A hardy perennial plant with broad thick leaves affording one of the earliest as well as one of the most healthful of spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed.

ARLINGTON THICK-LEAVED. The thickness of the leaf and dark green color make it especially desirable. Pkt., 15c; oz., \$1.00.

IMPROVED FRENCH THICK-LEAVED. One of the best varieties. Pkt., 10c; oz., 55c; ¼ lb., \$1.75.



Endive

Eggplant

One ounce will produce 1,000 plants.

The Eggplant will thrive well in any good garden soil. Sow in the hotbed and when two or three inches high prick out into pots, or rows, two and one-half to three inches apart. When the weather will permit, transplant into good, rich soil, thirty inches apart each way.

NEW YORK IMPROVED LARGE PURPLE. Most popular variety. The fruit is large, nearly round, dark purple and of excellent quality. Pkt., 10c; oz., 65c.

Endive

One ounce will sow 150 feet of drill.

For early use, sow in May, scattering the seed thinly in drills ten inches apart, covering it lightly, and for a succession, every two or three weeks until midsummer. The plants must be blanched before using, which is accomplished by gathering the large leaves to a point at the top and tying them together.

BROAD-LEAVED BATAVIAN (Escarolle). Variety having wide, thick leaves, straight at the edges and curved toward the center. Color, dull green. Pkt., 10c; oz., 20c; ¼ lb., 65c.

GREEN CURLED. Has curly leaves, the outer edges being much indented and crested. An attractive plant and one of the best varieties. Pkt., 10c; oz., 20c; ¼ lb., 65c.

Kale (Borecole)

One ounce to 150 feet of drill.

Sow early in May in a prepared bed, covering the seed lightly. Transplant in June, in rows three feet apart and two feet apart in rows and treat in the same manner as for cabbage. Kale is improved by a little frost, giving it a more delicate flavor.

GREEN CURLED SCOTCH. A round, dwarf variety, rarely exceeding eighteen inches in height, but spreading out under good cultivation to three feet in diameter. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Kohl-Rabi

(Turnip-rooted Cabbage)

One ounce will sow about 200 feet of drill.

A vegetable intermediate between the cabbage and turnip. The edible part, the bulb, grows on a stalk a few inches above the ground. It is best cultivated by



Tennisball Lettuce

sowing the seeds in rows in May, June and July, according to latitude. Rows should be sixteen to eighteen inches apart and plants six inches apart in rows.

EARLY PURPLE. Flesh white, skin purple. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Leek

One ounce of seed to 150 feet of drill.

The Leek is very hardy and easily cultivated. It succeeds best in a light, well-enriched soil. Sow as early in the spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

LONDON BROAD FLAG. A large variety with broad leaves. Pkt., 10c; oz., 30c; ¼ lb., 85c.

Lettuce for the Home Table

One ounce to 125 feet of drill.

Lettuce thrives best in rich, moist ground. Sow the seeds in hotbeds in February or March, and transplant into a sheltered border with a southern exposure. For successive crops, sowing may be made in the open ground as early as spring opens and continue until July. Transplant or thin plants to stand eight to twelve inches apart.

The Loose Leaf Varieties

BOSTON CURLED. A variety of great beauty and of very superior quality. Leaves beautifully curled, attractive on table. Pkt., 10c; oz., 30c; ¼ lb., 75c.

GRAND RAPIDS. This sort is the best and most popular loose-leaved lettuce, being of quick growth. Fine for greenhouse forcing and hardy. Pkt., 10c; oz., 30c; ¼ lb., 75c.



Boston Curled Lettuce

Romaine Lettuce

WHITE PARIS COS (Romaine). A sort with long, narrow, upright leaves; does not head, but when tied up blanches very easily. Pkt., 10c; oz., 30c; ¼ lb., 75c.

The Heading Varieties

BIG BOSTON. Fine for forcing in cold frames and for planting in open ground. Pkt., 10c; oz., 30c; ¼ lb., 75c.

CRISP AS ICE. Medium-sized heads, very crisp and of fine flavor. Outside leaves tinged with bronze, inside creamy yellow. Pkt., 10c; oz., 30c; ¼ lb., 75c.

HANSON. Heads very large, solid, tender, crisp and of fine flavor; color beautiful green outside and white within. Pkt., 10c; oz., 30c; ¼ lb., 75c.

ICEBERG. A large-heading variety; crisp and brittle, and color light green, lightly tinged with brown on top of head; leaves curled on the edges. Pkt., 10c; oz., 30c; ¼ lb., 75c.

MAY KING. Very early, medium size and tender; heads light green with center leaves tinged with brown and the hearts clear yellow. Pkt., 10c; oz., 30c; ¼ lb., 75c.

MIGNONETTE. Small, compact, creamy yellow heads tinged outside with russet; of superior quality, sweet, crisp and tender, very early and hardy, excellent "all season" variety. Pkt., 10c; oz., 30c; ¼ lb., 75c.

NEW YORK OR WONDERFUL. This is one of the best summer lettuces. It resists the hot weather, is very slow to run to seed, and is a sure header under the most trying conditions. The outer leaves are of a green color, the inner ones blanched to a creamy white; crisp, tender, delicious and sweet. The heads often measure 15 inches. Pkt., 10c; oz., 30c; ¼ lb., 75c.

PRIZE HEAD. One of the very best varieties, making a loosely formed head. Color bright, tinged with brownish red; very curly and of remarkably fine flavor. Grows quickly and all except the outer row of leaves are very brittle. It is probably the most easily grown lettuce in cultivation. Pkt., 10c; oz., 30c; ¼ lb., 75c.

TENNIS BALL BLACK SEEDED. Popular for open air culture; heads compact, crisp and tender. Pkt., 10c; oz., 30c; ¼ lb., 75c.

Watermelon

One ounce for 30 hills, 4 to 5 pounds to the acre.

Plant in hills eight feet apart and cultivate same as Muskmelon.

CITRON. The standard variety for preserves. Pkt., 10c; oz., 15c; ¼ lb., 35c.

COLE'S EARLY. An extra good variety for growing in the northern states as it matures early. Large heart, flesh of fine texture and good flavor, rind thick. Pkt., 10c; oz., 15c; ¼ lb., 50c.

PEERLESS OR ICE CREAM. Very early, of medium size, and one of the best for growing in the north. A short oblong in form, rind thin, light green, knotted and finely veined with a darker shade; flesh bright scarlet and very sweet; seeds white. Pkt., 10c; oz., 15c; ¼ lb., 35c.

Muskmelon

One ounce to 60 hills; 2 to 3 pounds for an acre.

Melons thrive best in a moderately enriched, light soil. The hills should be six feet apart each way. After all danger of frost is past, plant twelve or fifteen seeds in each hill, and when well up thin out to three or four plants.

BENDER'S SURPRISE. Exceedingly popular variety in the East. A very delicious, large, medium early, salmon fleshed melon, of excellent quality. Pkt., 10c; oz., 15c; ¼ lb., 50c.

EMERALD GEM. Medium size; flesh rich salmon, of delicious flavor and superior quality; early and prolific. Pkt., 10c; oz., 15c; ¼ lb., 50c.

HONEY DEW. The delicious, honey-like flavor of this new melon met with instantaneous public favor and created a sensation wherever used. The fruit is good sized, weighing 8 to 10 pounds; light colored, smooth skin; thick green flesh. Pkt., 10c; oz., 20c; ¼ lb., 75c.

LARGE ROUND YELLOW CANTALOUPE. Flesh reddish-orange, sweet and of good flavor; an early and productive variety. Pkt., 10c; oz., 15c; ¼ lb., 50c.

ROCKY FORD. Flesh green; medium size; oval shaped. Pkt., 10c; oz., 15c; ¼ lb., 50c.

Onions for the Home Garden

One ounce to 100 feet of drill,
5 pounds to the acre.

A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as soon as possible in the spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart and cover about one-third of an inch, treading or rolling after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed. As soon as the plants can be seen in rows give a shallow working, followed in a few days by another working as close to the plant as possible, and after this a thorough hand weeding. Cultivate if possible, once a week, and remove by hand any weeds that appear. As soon as the tops die and fall the bulbs may be pulled and placed in small windrows, turning often. Cut off the tops half-inch from bulbs and store in crates, under cover, in a uniform temperature a little above freezing.

EXTRA EARLY RED GLOBE. Ten days earlier than the Weathersfield, of medium size and deep, rich color; an abundant producer and of good flavor, keeping well. Pkt., 10c; oz., 45c; ¼ lb., \$1.35.

LARGE RED WETHERSFIELD. Large size, productive and a good keeper. Pkt., 10c; oz., 45c; ¼ lb., \$1.35.

NEW QUEEN. A silver skinned variety of quick growth and remarkable keeping quality. Pkt., 10c; oz., 45c; ¼ lb., \$1.35.

PRIZETAKER. Large, pale yellow skin; flesh white; mild flavor. Pkt., 10c; oz., 45c; ¼ lb., \$1.35.

Mushroom Spawn

One pound of spawn is sufficient for a bed 2 by 6 feet.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry, fresh coarse manure and lay it in a heap to ferment; turn and mix it well every few days, and when well fermented it may be made into a bed, mixing it well together and beating or treading it firmly. Use a thermometer to thrust into the bed, and note the temperature. When the heat has partially subsided leaving a temperature of 70 to 80 degrees, put in the spawn, which may be inserted in pieces the size of a walnut, about two inches deep and six inches apart. After about two weeks, cover with fresh soil about two inches deep and beat it down evenly and firmly. Finish off with a covering of clean straw or hay about a foot thick. If the temperature is right, mushrooms will begin to come up in about six or eight weeks, and the bed will continue bearing for about a month.

Pure Culture Brick Spawn. No. 9 White, per brick, 40c; per 5 bricks, \$1.50.

Mustard

One ounce to 40 feet of drill.

A pungent salad used with cress. The seed is used for flavoring pickles, etc. Sow in May thickly in rows and cut when two or three inches high.

BROWN. More pungent in flavor than the white. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

WHITE LONDON. Mild flavor. Best for salads. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Okra (Gumbo)

One ounce will sow 40 feet of drill.

Sow about the middle of May, when the ground is warm, in hills about 3 feet apart; cover seed one-half inch and thin plants to three in a hill. Keep ground well hoed and earth up around plants to support them. Gather pods while young and tender. Excellent for soups, stews, etc., to which they impart a rich flavor.

IMPROVED DWARF GREEN. An early dwarf and prolific variety, with thick green pods. Pkt., 10c; oz., 15c; ¼ lb., 30c.



Yellow Globe Danvers Onion

YELLOW GLOBE DANVERS. Extra choice seed, grown from bulbs, especially and carefully selected as to shape; the most popular of all the yellow onions for market and home use. A heavy cropper, good keeper, and of fine, mild flavor. A profitable variety for market gardeners. Pkt., 10c; oz., 45c; ¼ lb., \$1.35.

Onion Sets

Onion sets should be planted near the surface as early in the spring as the ground will permit, in drills about 12 inches apart and four inches in the rows. They produce a very early and profitable crop, and grow in any good soil.

JAPANESE ONION SETS. This onion gives a greater yield than any onion set on the market, besides being a good keeper and of fine flavor. Lb., 25c; 8 lbs., \$1.50.

WHITE ONION SETS. Ready in April. Lb., 25c; 8 lbs., \$1.50.

GARDEN PEAS

Two pounds will plant 75 to 100 feet of drill; from 84 to 112 pounds to the acre.

By mail add 8c per lb. for postage.

For better peas inoculate with Nitragin or Nod-O-Gen—See Page 21.

Peas, for an early crop, should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry and well sheltered. Mild manure has a beneficial effect, but for many of the varieties the soil cannot be too rich. For general crops the ground should be well-manured the previous year, which causes them to yield more abundantly. When grown as a

market crop, peas are never staked, and are grown in single rows, two or three inches deep, and from 2 to 3 feet apart, according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart and the tall varieties staked up by brush.

EARLY VARIETIES

Blue Bantam. 64 days. Vines 16 in., pods pointed, 4 in. long, dark green. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Early Eight Weeks. 55 days. Grows about 14 in. high, pods blunt, about 3 in. long. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Early Morn. 65 days. Vines 36 in., pods 4 in., pointed. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Gradus. 65 days. Vines 36 in., pods 4 in., pointed. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Laxtonian. 62 days. Vine about 18 in., pods pointed, about 4 in. long, good quality. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Laxton's Progress. 62 days. Vines 16 to 18 in., pods pointed, 4 to 4½ in. long. Excellent for home or market. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Little Marvel. 62 days. Vines 18 in., pods 3 in., blunt, fine for home gardens. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Nott's Excelsior. 62 days. Vines 15 to 18 in., pods 3 in., blunt, well filled. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Peter Pan. 62 days. Vines 18 in., pods 4 in., pointed, medium dark green. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Sutton's Excelsior. 63 days. Vines 18 in., pods 3½ in., blunt, fine dwarf pea for home use. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Thomas Laxton. 63 days. Vines 26 to 30 in., pods 3¾ in., blunt, well filled. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

World's Record. 60 days. Vines 24 to 30 in., pods 4 in., pointed. Splendid for home or market. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

MEDIUM AND LATE VARIETIES

Admiral Dewey. 76 days. Vines 4 to 4½ ft., pods 4½ to 5 in., pointed. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Bliss Everbearing. 76 days. Vines 32 in., pods 3 in., blunt. A long bearing variety for home or market. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Carter's Telephone (dark pod). 76 days. Vines 4½ ft., pods 4½ to 5 in., pointed. Very popular for a later pea. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Carter's Quite Content. 74 days. Vines 4 ft., pods 4½ in., pointed. Dark green. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Dwarf Telephone. 75 days. Vines 22 in., pods 4½ in., pointed. An excellent later pea, of medium height. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$3.00.

Mammoth Sugar (Edible pods). 74 days. Vines 54 in., pods 4½ in., pods eaten like beans. 1 lb., 35c; 2 lbs., 60c.

FIELD VARIETIES

White Canada. 85 days. Vines 4 ft., pods 3 in. 15 lbs., \$1.45; 60 lbs., \$5.00.

White Marrowfat. 88 days. Vines 4 ft., pods 3½ in. 15 lbs., \$2.40; 60 lbs., \$9.00.



Abbott's Improved Parsnip

Parsley

One ounce to 150 feet of drill.

Parsley seed germinates very slowly, taking two to four weeks to come up; hence, if wanted early, no time should be lost by delaying the sowing; make the rows 12 to 14 inches apart. Thin to 3 or 4 inches apart, or transplant at this distance. Can be sown in hotbeds in February or later in open ground. Late in autumn place glass frames over some of the plants to lengthen out the season of cutting. For garnishing purposes nothing equals parsley; it is also used in salads, soups, etc. Any good soil is suitable for growing this plant.

EXTRA DOUBLE CURLED. Pkt., 10c; oz., 15c; ¼ lb., 45c.

Parsnips

One ounce to 150 feet of drill; 5 pounds to the acre.

Sow as early in the spring as the weather will permit in drills fifteen inches apart, covering half an inch deep. When well up thin out to five to six inches apart in rows. Unlike carrots they are improved by frosts, and it is usual to take up in the Fall a certain quantity for winter use, leaving the rest in the ground until spring to be dug up as required.

ABBOTT'S IMPROVED. Smooth and quite large; one of the best. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

HOLLOW CROWN. Roots very long, growing mostly below the surface of the ground. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

THE DON. A variety for handsome form, size, whiteness of skin and flesh, and solidity of texture. Specially recommended for market trade. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Pumpkin

One ounce for 20 to 25 hills; 3 pounds for an acre. Same cultivation as for cucumbers and melons.

CONNECTICUT FIELD. Large, used for stock. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

MAMMOTH KING. The best large pumpkin in use. Immense, globular shape, flattened a little at the end. Skin reddish yellow in color, and flesh rich orange. This is unquestionably the best mammoth pumpkin, running very uniform in shape and color. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

MAMMOTH TOURS. Grows to enormous size, frequently weighing from 100 to 150 pounds. Oblong in shape, and is mainly used for feeding stock. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

SUGAR OR NEW ENGLAND PIE. For making pies this variety cannot be excelled. The pumpkins are small, but very sweet, fine-grained and of the best quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

WINTER LUXURY. Generally regarded as the finest quality pie pumpkin. Besides its high quality it is the best winter keeper of all. In size about nine or ten inches in diameter; skin is a beautiful deep orange. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Potatoes (Maine Grown)

10 to 12 bushels, or about 4 barrels, sufficient for one acre. One peck will plant 75 hills.

IMPROVED GREEN MOUNTAIN. (Certified). Improved by careful selection of seed. In season it is medium; one of the best yielders and keeps well; color white, form round or oval, smooth skinned and a heavy yielder.

IRISH COBBLER, (Certified). One of the most reliable of the early varieties. Cream-white color, vigorous grower, ripens uniformly and a good keeper.

Prevent disease by treating with Semesan-Bel before planting.
See page 21.

K. & W. Radish

One ounce for 100 feet of drill.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of April until September, at intervals of two or three

weeks. For an early supply they may be sown in a hotbed in February.

CRIMSON GIANT FORCING. Rich crimson color, flesh white and solid, and of a mild and delicious flavor. Grows to a large size without becoming pithy. Excellent for forcing. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

EARLY SCARLET GLOBE. Fine for forcing. Shape roundish oval; large, brilliant red; flesh white, solid, crisp and mild. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

EARLY SCARLET TURNIP WHITE TIP. Handsome bright scarlet color, with white tip. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

EARLY SCARLET TURNIP. Round, scarlet, small, short top, mild and crisp. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

FRENCH BREAKFAST. A variety of quick growth; very mild and tender. One of the best for forcing. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

ICICLE. Quick growing; clear white. Fine for forcing. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

NON PLUS ULTRA. The earliest forcing radish; extra early, maturing in about twenty days; round, bright red, with small tops; very mild. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50.



Icicle Radish

Pepper

One ounce of seed will produce about 2,000 plants.

Grown largely for pickles. Sow in hotbeds early in April and transplant to the open ground when the weather is warm and settled. The rows should be two feet apart and the plants fifteen inches apart in the rows. Rich, warm, mellow soil.

CALIFORNIA WONDER. A large, late variety, flesh thick, sweet and mild. Color dark green, changing to bright crimson. Pkt., 10c; oz., 50c.

LARGE BELL. Large and mild flavor; ripens bright red. Used for stuffed peppers. Pkt., 10c; oz., 50c.

LONG RED CAYENNE. Bright red; very productive; the flesh very pungent. Pkt., 10c; oz., 50c.

MONSTROUS SWEET SPANISH. A very attractive, red, sweet pepper. The plants are about two and one-half feet high, upright, very compact, vigorous and productive. The fruits are very large and long, frequently seven inches in length and about two inches in diameter, with very thick, mild flesh of excellent quality. The color is deep green when fruit is young, rich red when ripe. Pkt., 10c; oz., 50c.

Rhubarb

One ounce should give about 500 plants.

Sow in drills eighteen inches apart and one inch deep. Thin out the plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. The stalks should not be cut until the second year.

LINNAEUS. Early large, tender and of very fine quality. Pkt., 10c; oz., 25c.

Salsify or Vegetable Oyster

One ounce to 50 feet of drill.

Commonly called vegetable oyster. Used stewed, boiled, or fried. When cooked has an oyster flavor. Sow early in drill fifteen inches apart; cover the seeds with fine soil, an inch and one-half deep.

MAMMOTH SANDWICH ISLAND. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Spinach (For Table Greens)

One ounce to 75 feet of drill; 10 to 12 pounds to the acre.

For spring and summer use, sow in drills one foot apart and one inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The New Zealand spinach, which requires more room, may be started from seed early in spring to give greens during the heat of summer.

FALL OR WINTER. One of the hardiest for fall planting. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

KING OF DENMARK. For quick growth, fine appearance, and lasting qualities, it is the best early variety. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 85c.

SAVOY LEAF, BLOOMSDALE. Leaves thick, crumpled and fleshy, hardy and long standing. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

NEW ZEALAND. Of branching habit; makes a very large plant, which stands drouth well. Leaves thick and fleshy, enduring the entire summer. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

ROUND THICK-LEAVED. A valuable variety, with thick, dark green leaves; long standing and hardy. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.



Summer and Winter Squash

Running varieties, one ounce to 20 hills, 4 pounds per acre. Bush varieties, one ounce to 50 hills, 2 pounds per acre.

Any good, rich soil is adapted to the growth of the squash. They only thrive well in a warm temperature, as all the varieties are tender annuals, and the seed should not be sown in the spring until all danger from frost is past and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart; for running sorts, ten feet. Leave two plants to a hill.

BOSTON MARROW. A much esteemed variety; a good keeper and of excellent flavor. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

DELICIOUS. In color it closely follows the Hubbard, and in thickness of flesh it surpasses nearly every variety. No squash compares with it in fineness and compactness of grain, dryness and sweetness and richness of flavor. It is a fall and winter squash, but does not acquire its best qualities until winter. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

HUBBARD. Standard winter squash, a general favorite and grown more extensively than any other late variety. Color dark green, shell extremely hard, flesh dry, fine grained and sweet; excellent keeper. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

HUBBARD BLUE. Hard shell, light blue in color, thick meat, dry and fine quality. Favorite winter sort. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

HUBBARD GOLDEN. Similar to Green Hubbard, of a rich orange-red color, and of fine flavor. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

HUBBARD WARTED. Dark green color, shell hard and warted; good keeper. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

MAMMOTH CHILI. Grows to a large size, often weighing over 200 pounds; excellent for stock. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

SUMMER STRAIGHTNECK. Early, productive and of good quality; color orange-yellow. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

TABLE QUEEN OR DES MOINES. A small squash, 4¾ x 3½ in. Acorn shaped. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.40.

YELLOW BUSH SCALLOPED. An early market variety; excellent for shipping. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.



PETUNIA, Celestial Rose. Pkt. 10c.

HERE are some interesting novelties: A new shade in Petunias; a Zinnia with curled and twisted petals; the largest Marigold ever grown; a Cosmos blooming in midsummer, and Cornflowers on a dwarf, compact plant.



NEW MARIGOLD, Sunset Giants

The largest of all Marigolds. The sweetly scented flowers average 5 inches in diameter, with some 7 inches across. They are loosely formed, full-centered, with broad petals, and are produced on plants 3 to 4 feet high. Pkt. 15c.



ZINNIA, Fantasy, Star Dust. Pkt. 15c.



COSMOS, Sensation, Pinkie. Pkt. 20c.



CORNFLOWER, Jubilee Gem. Pkt. 20c.

Marigold like a chrysanthemum, with closely packed petals; a 1938 Petunia of improved color; a beautiful pink Aster that is wilt-resistant, and an earlier Heavenly Blue Morning-Glory—you will like them all.



MARIGOLD,
Chrysanthemum-flowered
Pkt. 20c.



PETUNIA, Topaz Rose. Pkt. 25c.



MORNING-GLORY
Clark's Earliest Mammoth Blue. Pkt. 15c.



ASTER, Enchantress. Pkt. 25c.



ZINNIA, Lilliput
Pkt. 10c.

The little Zinnias are fine for cutting; the dainty pink Ageratum is a gem. You will like the Acroclinium for winter bouquets, and the Flaming Velvet is the darkest Petunia.



AGERATUM, Pink Fairy. Pkt. 25c.



ACROCLINIUM, New Hybrids. Pkt. 10c.



PETUNIA, Flaming Velvet.
Pkt. 15c.

DELPHINIUM

Hollyhock Strain

Hybrid Delphiniums are easy to grow in Maine, and the Hollyhock strain bears the largest spikes of the largest flowers.

Pkt. 15c.





Etoile de Hollande



Radiance



Talisman

ROSES Shown above are three Roses that do well in this section. Good healthy plants that bloom freely, all with fragrant flowers on good cutting stems.



PEONY, President Taft



IRIS GERMANICA, Ambassador



JAPANESE BARBERRY



FORSYTHIA (Golden Bell)

Good Garden Tomatoes

One ounce will produce about 2000 plants.

This vegetable is one of the most important of all garden products. They thrive best in a warm, light, rich soil. For early plants, sow about the first week in March in a hotbed, or in boxes or pots in a warm window. When the plants are about two inches high, set four inches apart in boxes three inches deep, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart each way, using a shovelful of rotted manure in each hill.



Earliana Tomato

- BONNY BEST.** Color an intense scarlet. It is roundish and slightly flattened at stem end. Early, prolific and uniform in shape and size. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.
- BREAK O' DAY.** A new early variety. Meaty, smooth and a good red color. Pkt., 15c; oz., 60c.
- BURBANK'S EARLY.** A new variety; considered to be the earliest tomato grown. Pkt., 10c; oz., 60c.
- CHALK'S EARLY JEWEL.** A fine second early tomato, about ten days later than Earliana. Fruit large size and fine flavor. The plants are compact and strong; one of the best for shipping and home garden. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.
- DWARF STONE.** The largest fruited of the dwarf varieties, the fruit being of a bright scarlet, and growing in clusters; flesh very solid, firm and smooth. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.
- EARLIANA.** One of the earliest bright red varieties, compact in growth and good yielder. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.
- EARLY AVON.** Earlier than Earliana. Of fine quality, fruit round, bright scarlet and borne in clusters. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.
- JOHN BAER.** An early variety. Smooth, solid fruit, brilliant red color. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.
- MARGLOBE.** A new disease resistant tomato, second early in maturity, fruit large, smooth, globular, and nearly coreless. Color red. A fine variety for the market gardener. Pkt., 10c; oz., 40c; ¼ lb., \$1.50.
- RED CHERRY.** A small, early variety, size and shape of a cherry, for pickling. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.
- YELLOW PLUM.** Similar to Red Cherry, excepting color bright yellow. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Rutabaga or Swede Turnip

- CARTER'S IMPERIAL HARDY SWEDE.** An improvement upon other varieties, being larger, the flesh firmer, and an excellent keeper. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.
- SUTTON'S MAGNUM BONUM (Purple-Top).** The finest type of Purple-Top Swede that can be grown for general purposes, as it not only yields a great weight per acre, but the crop remains sound for an unusually long time. The feeding value is very high, analysis showing the roots to contain 12.5 per cent of dry matter. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Turnip

One ounce for 150 feet of drill; 1½ to 2 pounds in drills, or 2½ to 3 pounds broadcast to the acre.

Turnips thrive best in rich, sandy, gravelly soil. The earliest varieties can be sown as soon as the ground can be worked, either in drills or broadcast. For a succession sow at intervals of a fortnight until the last week in July for the fall and main crops. To keep the roots fresh during the winter, they may be placed in a cool, dry cellar and buried with dry sand.

- EARLY WHITE SIX WEEKS.** Pure white; very early. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.
- GOLDEN BALL.** A rapid grower of excellent flavor; bright yellow, good keeper and a superior table variety. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.
- PURPLE-TOP MILAN.** The earliest variety in cultivation. Flesh white, hard, and of excellent quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.
- PURPLE-TOP STRAP LEAF.** Excellent variety for main crop, equally good for spring or fall sowing; white flesh. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.
- PURPLE-TOP WHITE GLOBE.** Globular shape, handsome and of superior quality either for table or stock. It is a heavy producer, early and a good keeper. The flesh is white and skin white with purple at portion which grows above the ground. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.

Tobacco

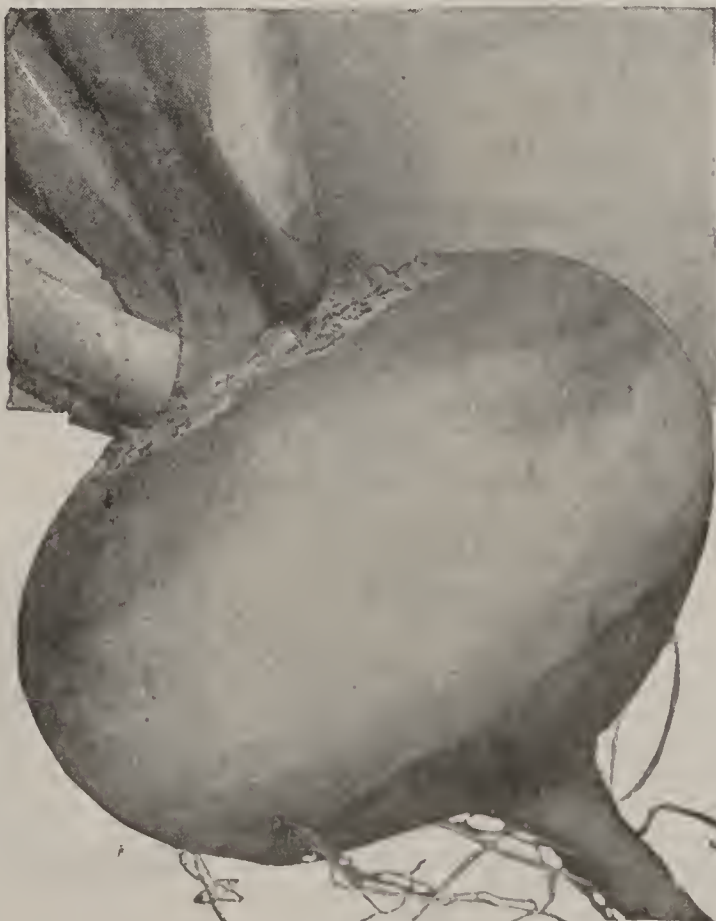
One ounce is sufficient for one acre.

CONNECTICUT SEED LEAF. One of the best varieties. The leaves are of good width and length and grow closely on the stalk. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Sweet and Medicinal Herbs

Sow in spring, in shallow drills, 1 foot apart, and when well up thin out or transplant to a proper distance apart.

	Pkt.
Anise. Annual	\$.10
Balm. Perennial .....	.10
Basil, Sweet. Annual .....	.10
Caraway. Biennial .....	.10
Catnip. Perennial .....	.10
Coriander. Annual .....	.10
Dill. Biennial .....	.10
Fennel, Sweet. Perennial .....	.10
Horehound. Perennial .....	.10
Hyssop. Perennial .....	.10
Lavender. Perennial .....	.10
Marjoram, Sweet. Annual .....	.10
Mint .....	.10
Rue. Perennial .....	.10
Saffron. Annual .....	.10
Sage. Annual .....	.10
Summer Savory. Annual .....	.10
Thyme. Perennial .....	.10
Wormwood. Perennial .....	.10



Purple-Top White Globe

Grass and Clover Seeds

ASTORIA BENT. A creeping grass, fine for putting greens and lawns.

CHEWING FESCUE. For lawns and golf greens. Does well where sandy.

DOMESTIC RYE GRASS. A quick growing grass, useful where an immediate effect is wanted.

KENTUCKY BLUE GRASS. One of the best grasses for pastures and lawns.

ORCHARD GRASS. A valuable grass for pasture and also for hay.

RED TOP. Succeeds in almost any situation. Fine for lawns or to sow with timothy for hay.

ROUGH STALK MEADOW. Best grass for shade.

TIMOTHY. The most popular grass to sow for hay.

ALFALFA. We offer the Grimm's Alfalfa as the variety best adapted to New England.

ALSIKE CLOVER. More hardy than red clover and succeeding well where the ground is low and moist.

RED CLOVER. Used both in mixtures for hay and for pasture.

WHITE CLOVER. Used largely for lawns and in pasture mixtures.

Early English Dwarf Essex Rape

Superior to any other variety offered. A forage plant of great merit, easily grown in any locality, and one of the most satisfactory quick growing crops, especially for sheep. As a fattening food for sheep, cattle, calves or pigs, it is without a rival in point of cheapness, is hardy, withstands drought, and will produce a crop in any soil. The seed may be sown from May to July, 10 to 12 pounds to an acre. Per lb., 15c; per 100 lbs., \$11.00.

Rye

ROSEN RYE (Winter). Produces a strong, vigorous straw and stools to remarkable degree. The grain is large, plump, heavy and of a beautiful color, commanding a premium on the market over other grains. Owing to its vigorous stooling property less seed is required, the practice being about one and one-half bushels to an acre.

RYE (Spring). For a catch crop this is best for sowing in the Spring, as a crop may be obtained by later sowing than any other grain, although it does not yield as heavy as the winter rye.

Millets

Hungarian. Adapted to various conditions of soil and moisture and can be sown as late as July 4. 1 bu. per acre.

Japanese Millet. Produces an enormous quantity of fodder. 25 lbs. to acre.

Wheat

MARQUIS WHEAT (Spring). It is a beardless, having smooth yellow chaff, but its most valuable feature lies in its earliness. Threshing reports from the northwest indicate yields of 40 to 50 bushels per acre; weight, 64 to 66 lbs. per measured bushel, and they report it to be of the highest milling quality.

Ceresan

For Seed Treatment of Small Grains

For extra profit treat oats, barley and wheat with New Improved Ceresan. Unusually effective in controlling smut. Applied by dusting on seed, only 2 ounces for wheat or rye, 3 ounces for barley and oats. Often increases yield one to five bushels per acre.

Price: 1 lb., 70c; 5 lbs., \$3.00.



Soja Beans

Sow one-half bushel to the acre.

Produce an enormous crop of both vines and pods. Valuable as a forage crop and fertilizing the soil, also pasturing, feeding as green fodder and for silo purposes.

It is a heavy yielder, with stiff straw, thin hull, and stands dry weather well.



Vetch or Tares

Vetches or Tares

Spring Vetch. Highly valuable for sowing or for green manuring. Sometimes grown with oats, for mowing and feeding to stock. Use 120 to 180 pounds to the acre broadcast, or 60 to 120 lbs. in drills.

Winter Vetch. Also called Sand Vetch or Hairy Vetch. Recommended for fall sowing, with rye, which serves as a support. It is perfectly hardy in all parts of the country, can be harvested or plowed under and the ground used for the usual spring crop. Sow 60 lbs. of seed per acre, together with one-half bushel of rye.

Valuable Table for Planting

Name of Vegetable	When to Plant		Depth of Plant	Distance Apart	Time of Maturity
	Hotbed	Open Ground	Inches	Inches	
Asparagus		April or May	1	Transplant 12 x 36	3d year from roots
Beans, Pole		May and June	2	Poles 36 x 36	August to frost
Beans, Dwarf		May to July	2	Thick drills, 24 apart	45 days
Beets		May to July	1	Thin to 5 x 15	50 "
Brussels Sprouts	March	May and June	1½	Transplant 12 x 18	150 "
Cabbage, Early	March	April and May	1½	Transplant 18 x 24	100 "
Cabbage, Late		June	1½	Transplant 24 x 36	130 "
Carrot		May and June	1½	Thin to 5 x 15	100 "
Cauliflower	April	May and June	1½	Transplant 24 x 36	100 "
Celery	March	May	Barely cover	Transplant 2 x 4, in flats	170 "
Corn, Sweet		May to June	1 Early 1½ Late	Drills 10 x 30	60 to 90 days
Cress		May to July	¼	Drills 12 x 48	40 days
Cucumber	March	May to July	½	Hills 48 x 48	50 to 75 days
Dandelion		May	¼	Thin to 6 x 12	Following spring
Eggplant	April	June	½	Transplant 36 x 36	135 to 150 days
Endive		June to August	¼	Transplant 12 x 12	45 days
Kale		June to August	½	Transplant 12 x 18	150 "
Kohl-Rabi		May to July	½	Thin to 6 x 18	110 "
Leek		April and May	1	Transplant 5 x 12	100 "
Lettuce	March	April to August	¼	Transplant 12 x 12	25 to 60 days
Melons, Musk	April	May and June	1	Hills 60 x 60	120 days
Melons, Water		May and June	1	Hills 96 x 96	110 "
Onion		April and May	½	Thin to 5 x 18	100 to 150 days
Parsley		April and May	½	Thin to 6 x 12	45 days
Parsnips		April and May	½	Thin to 5 x 18	140 "
Peas		April to July	3	Thick rows, 24 apart	40 to 80 days
Pepper	March	June	½	Transplant 18 x 24	135 to 160 "
Potato		April to July	2 Early 5 Late	12 x 36	90 to 130 "
Pumpkin		June	½	Hills 48 x 72	115 days
Radish	March	April to Sept.	½	Thin to 2 x 12	25 to 45 days
Salsify		May	¼	Thin to 4 x 18	Oct. through winter
Spinach		April to July	1	Thick rows 12 or 15 apart	30 to 40 days
Squash		June	1	Hills 48 x 72	60 to 130 "
Tomato	March	June	¼	Transplant 36 x 36	100 to 150 "
Turnip		April to August	½	Thin to 4 x 18	60 to 75 "

Quantity of Seeds Required for a Given Number of Hills or Length of Drills

Asparagus.....	1 ounce.....	50 feet of drill	Melon, Musk.....	1 ounce.....	60 hills
Beet.....	1 ounce.....	50 feet of drill	Mustard.....	1 ounce.....	40 feet of drill
Beans, Dwarf.....	2 pounds.....	100 feet of drill	Okra.....	1 ounce.....	40 feet of drill
Beans, Pole.....	2 pounds.....	150 hills	Onion.....	1 ounce.....	100 feet of drill
Carrot.....	1 ounce.....	100 feet of drill	Onion Sets.....	1 pound.....	50 feet of drill
Celery.....	1 ounce.....	100 feet of drill	Parsley.....	1 ounce.....	150 feet of drill
Corn, Sweet.....	1 pound.....	125 hills	Parsnip.....	1 ounce.....	150 feet of drill
Cress.....	1 ounce.....	100 feet of drill	Peas.....	2 pounds.....	75 to 100 feet of drill
Cucumber.....	1 ounce.....	50 hills	Pumpkin.....	1 ounce.....	20 to 25 hills
Dandelion.....	1 ounce.....	150 feet of drill	Radish.....	1 ounce.....	100 feet of drill
Kale.....	1 ounce.....	150 feet of drill	Salsify.....	1 ounce.....	50 feet of drill
Kohl-rabi.....	1 ounce.....	200 feet of drill	Spinach.....	1 ounce.....	50 feet of drill
Leek.....	1 ounce.....	150 feet of drill	Squash, bush variety.....	1 ounce.....	50 hills
Lettuce.....	1 ounce.....	125 feet of drill	Squash, running variety.....	1 ounce.....	15 hills
Martynia.....	1 ounce.....	50 hills	Turnip.....	1 ounce.....	150 feet of drill
Melon, Water.....	1 ounce.....	30 hills			

Vegetable Plants

CELERY PLANTS—Ready June 1st to 15th.
Golden Self-Blanching White Plume
 Boston Market
TOMATO PLANTS—Ready May 15th to 20th.
Earliana Dwarf Champion Red Cross
John Baer Jewel Perfection
Early Avon Bonny Best
 and other standard varieties.
One dozen in each box.

CABBAGE PLANTS
Early summer varieties. Ready May 15th to 20th.
For winter crop. Ready June 15th to 20th.
CAULIFLOWER PLANTS
Ready May 15th to 20th.
RHUBARB ROOTS AND ASPARAGUS ROOTS
Ready in April.

Remedies for Insects and Fungus

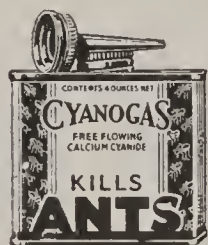
Information About Insects and Fungus

TO KNOW WHAT INSECTICIDES TO USE it must be understood that there are two classes of insect pests, the chewing and the sucking insect. The chewing insects feed on the foliage so their food must be poisoned by spraying or dusting with some poison such as arsenic. Among the chewing insects are the codling moth, curculio, potato beetle, tomato worm, gypsy moth, and similar pests.

THE SUCKING INSECTS do not eat the leaves but puncture the tissues of the leaf and then suck the plant juices. These pests are controlled by contact insecticides. Among the most common are the aphids, which are soft bodied insects and are killed by being suffocated, or by absorbing the poison. Besides the aphids there are the various kinds of scale which are found on the trunk and branches. These are best controlled by Lime-Sulphur, and oil sprays when the trees are dormant.

ANTROL. Most effective for the control of all honey-dew loving ants. **Prices:** Antrol sets containing 4 containers and one 4-oz. bottle of syrup, 85c; extra containers, 10c each. Antrol syrup, 4-oz. bottle, 43c; pt., 95c, prepaid.

READY-FILLED ANTROL SET. To meet popular demand for a low priced article we offer the ready-filled Antrol set—consisting of four patented glass “feeders” filled with regular Antrol syrup, price, 48c, prepaid.



CYANOGEN. For killing ants in nest. Enlarge entrances of nest with long-shank screw driver or pointed stick. Adjust spout of can and allow a small amount of cyanogas to flow into the enlarged hole. The worker ants and queen are killed immediately. Special 4-oz. ant container, 35c, prepaid.

APHINE. Effective against all soft bodied and plant-sucking insects, such as green, black, and white fly, red spider, thrips, mealy bug, brown and white scale. **Price,** ¼ pt., 30c; ½ pt., 48c; 1 pt., 75c; 1 qt., \$1.10; 1 gal., \$3.20, prepaid.

ARSENATE OF CALCIUM. Used for the control of potato bugs, and other chewing insects. Not adapted to orchard spraying. 1 lb., 25c; 4 lbs., 70c, prepaid.

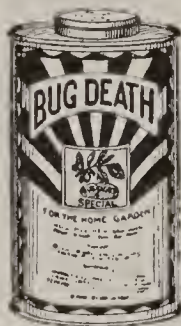
ARSENATE OF LEAD. Better than Paris green, does not burn the foliage, goes twice as far, and is easier to handle. Stir in two level teaspoonfuls to a quart of water; one pound to 50 gallons of water. 1 lb. pkg., 30c; 4 lb. pkg., per lb., 21c; 48 lb. case, per lb., 15c, prepaid.

BLACK-LEAF-40. A concentrated solution of nicotine sulphate and an excellent spray for aphids and sucking insects of all kinds. Dilute one teaspoonful to one gallon soapy water; one ounce to six gallons of water. Oz., 35c; 5 ozs., \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 5 lbs., \$5.85; 10 lbs., \$10.85, prepaid.

BORDEAUX MIXTURE. S. W. FUNGI BORDO. A well balanced dry Bordeaux mixture containing 50% of blue vitriol and 50% of lime. It is the only well balanced Bordeaux prepared mixture on the market. It will not deteriorate and will give effective results. Fungi Bordo will prevent potato blight, apple scab, and other fungous diseases controlled by Bordeaux mixture. To produce 3-3-50 Bordeaux mixture use 6 lbs., to 50 gallons of water; for a 4-4-50 formula use 8 pounds to each 50 gallons of water. 1 lb., 25c; 4 lbs., 72c, prepaid.



FUNGOUS DISEASES are not caused by insects but by spores which collect on the foliage causing such troubles as blight, scab, mildew, brown rot, etc. There are two kinds of fungicides, those made from sulphur, and those from copper. The fungicides from sulphur are best for control of apple scab, peach leaf curl, mildew; the copper fungicides, either as a spray or as a dust, for potato, celery, and tomato blight. After the disease has started it is difficult to stop it, so fungicides should be used early as a preventative measure, rather than a cure.



BUG DEATH. For vegetables and fruit. To meet the increasing demand for an effective, successful insecticide and fungicide for killing certain plant eating insects. Contains no arsenic, no Paris green or high poisons. No danger to man, beast or fowl. Is packed as follows: 1 lb., 35c; 5 lbs., 90c; 12½ lbs., \$1.85; 100 lbs., \$10.50, prepaid.

CREONOID. Lice Destroyer and Cow Spray. To protect cattle and horses from flies. Antiseptic and non-poisonous. Used in hen houses to kill lice.

Flies breed in manure-heaps and go from place to place carrying disease germs along with them. Flies are responsible for many of the epidemics that appear among people and animals.

If their breeding places are regularly sprayed with Creonoid they cannot breed and the number around the buildings will be greatly diminished. Price, per gallon, \$1.25, prepaid.



CREOSOTE. For painting gypsy moth egg clusters. Price, 1 qt., 60c; 1 gal., \$1.45, prepaid.

CROW REPELLENT. Seed-preserver for corn. Insures your seeds, prevents crows and other birds taking the seed and also protects against ground-rot and smut. Non-poisonous and does not retard germination. Small can, enough for 1 bu., 60c; large can, enough for 2 bus., \$1.00, prepaid.

CYANOGEN (A) DUST. For outside use in killing rats, moles, woodchucks, gophers, and ground squirrels. Also for white grubs and crayfish in lawns. Lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Gun for applying same, \$1.25, prepaid.

CYANOGEN (G) FUMIGANT. For greenhouse, mushroom, and soil-fumigation. Scatter over the greenhouse walks and close the house, for the night. Generates deadly hydrocyanic acid gas which is very effective in controlling aphids, thrips, white fly, and soft scale. 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00, prepaid.

EVER GREEN SPRAY FOR PLANTS (Non-Poisonous). Kills most plant pests, including even cut-worms. Use it freely on tender plants and flowers. It can't burn or otherwise injure them. Neither will it injure the soil. Kills only insects. It is harmless to man, live stock, birds and pets. Easy to use. Just mix it with water and stir. No need for constant agitating. Ever Green stays in solution and won't clog sprayers. **Prices:** 1-oz. bottle, 35c; 6-oz. bottle, \$1.00; 16-oz. bottles, \$2.00; 1-gal. bottles, \$11.00; 5-gal. bottles, \$45.00, prepaid.

LIME-SULPHUR. Dry. A very effective dormant spray for fruit and shade trees. Lb., 35c; 5 lbs., \$1.40; 25 lbs., \$4.00, prepaid.



Remedies for Insects and Fungus

NICO-FUME LIQUID. This preparation is a free nicotine preparation, and is used by many of the leading growers. Lb., \$2.35; 4 lbs., \$5.90; 8 lbs., \$10.00, prepaid.

NICO-FUME TOBACCO POWDER. For fumigating the greenhouse and conservatory. Lb., 85c.

TOBACCO DUST. For dusting. Price, 1 lb., 15c; 10 lbs., 80c; 100 lbs., \$4.50, prepaid.

TOBACCO DUST. For fumigating. Price, 1 lb., 15c; 10 lbs., 95c; 100 lbs., \$6.00, prepaid.

SUNOCO. Self-emulsifying spray for scale, insects, aphids, and red mite on apple trees. Sunoco will not freeze or deteriorate, mixes readily with hard or soft water. Will not irritate the skin or injure clothing. 50-gal. drums, \$21.30; 30-gal. drums, \$15.20; 15-gal. drums, \$9.00, non-returnable. 5-gal. cans, \$5.25; 1-gal. cans, \$1.50; 1-gal. cans, prepaid.

PARIS GREEN. ¼ lb., 20c; 1 lb., 55c, prepaid.

POMO-GREEN. With nicotine. The leaf-green, all-in-one dust or spray for external leaf-eating insects and many plant diseases, also sucking insects such as aphids, etc. Recommended highly for the control of black-spot, mildew, and rust on roses, carnations and snapdragons. Lb., 85c; 5 lbs., \$3.00, prepaid.

NICOTEEN PYROX. Kills leaf-eating and sucking insects and prevents blight and fungous troubles without injury on trees, shrubs, and garden vegetables. 10-oz., jar, 60c; 5 lbs., \$1.90, prepaid.

KALCO gives complete coverage of Lime-Sulphur or Bordeaux on opening buds, unfolding leaves and blossoms. This means the greatest protection against scab, brown rot, or other fungous infection. It causes the spray to dry quickly in a durable coating and enables the orchardist to get the greatest benefit from sprays that are applied in rainy weather. Use 1 pound to 100 gallons of spray mixture.

POTATO GROWERS. **KALCO** will spread your sprays and make them stick, rain or shine. 100-lb. sack, 18½¢ per lb.; 10-lb. sack, 23c per lb.; trial size can, 35c, prepaid.

SCALECIDE. Used for destruction of the San Jose scale. Dilute at the rate of one gallon to twenty gallons of water. Scalecide does not clog nozzles, hose, or pump, and is pleasant to use. Trees may be sprayed in winter and early spring before they start to come to bud. Qt., 75c; gal., \$1.75; 5 gals., \$5.50; 15 gals., \$13.25; 30 gal. bbl. \$21.00; 50-gal. bbl., \$29.00, prepaid.

K-R-O Ready Mixed

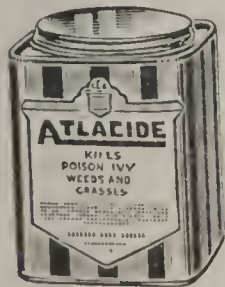
(Kills Rats Only)

Without endangering your pets, livestock, poultry, etc.

This wonderful new exterminator, that is harmless to animals other than rats and mice, fills a long felt want among users of rat exterminators. Price: 6-oz. can, 40c, prepaid.

Rat-Nip

Effective for rats, mice, roaches, waterbugs, and other pests. They can't resist it. Put up in tubes and is used by squeezing on slices of bread. Price, 35c, prepaid.



Atlacide

Non-poisonous weed killer, penetrating and killing the roots. Use on walks, tennis courts, and wherever weeds are to be eradicated. Price: 5-lb. can, \$1.65; 15-lb. can, \$3.75, prepaid.

I Kill Weeds
by Sprinkling



Sprinkle Weeds Away

DILUTE DOLGE WEED-KILLER in 40 parts of water and sprinkle on your drive, walk, cobble gutter, tennis court. Weeds dry up and turn to dust. One application usually enough for entire season. 1 qt., 85c; 1 gal., \$2.10; 5 gals., \$8.50; 10 gals., \$14.50, prepaid.

SNAROL. An effective bait for slugs, cutworms, snails, grasshoppers and other garden pests. A ready prepared meal for broadcasting on the ground under the plants; does not deteriorate from rain and sprinkling. 1-lb. carton, 45c; 3-lb. carton, \$1.00; 15-lb. carton, \$3.25, prepaid.

SULPHUR. Used principally in greenhouses and outdoors for checking mildew. Lb., 15c; 5 lbs., 60c; 10 lbs., 95c; 100 lbs., \$5.00, prepaid.

SULFOCIDE. An efficient summer spray for the control of scab and black rot on fruit trees. Dilute one gallon to 200 gallons of water. 1-qt. can, 95c; 1-gal. can, \$2.25; 5-gal. can, \$7.50; 10 gals., \$13.50, prepaid.

MAGNESIUM ARSENATE. For the control of Mexican Bean Beetles. No danger of burning. Can be used either as a dust or spray. 2-lb. pkg., 75c, prepaid.

S.-W. BASIC COPPER-SULPHATE. This new product takes the place of home made Bordeaux Mixture, and costs no more, as just half as much is required. It is more uniform and much easier to handle than blue vitriol and lime. Put up in 100-lb. bags.

TREE TANGLEFOOT. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 6-ozs., 40c; 1 lb., 75c; 5-lb. can, \$3.00; 10-lb. can, \$5.65; 25 lbs., \$12.00, prepaid.

Tri-Ogen

TRI-OGEN gives complete protection against all ROSE Insects and Diseases; also promotes vigor and growth, healthy green foliage and luxuriant blooms. A—Small Kit, \$1.50; B—Medium Kit, \$4.00; C—Large Kit, \$6.00.

Volck

A spray for the garden, nursery and greenhouse. Controls red spider, mites, white fly, scales, mealy bug, aphids, thrips, etc. Destroys the insects in all stages without injury to plants. Prices: Nursery Volck, ½ pt., 40c; 1 pt., 60c; 1 qt., 80c; 1 gal., \$2.50. Garden Volck, with nicotine, \$4.00 per gal., prepaid.

S-W Dusts

In spite of the fact that spraying apples, pears, and cherries with Lime-Sulphur and Arsenate of Lead is generally considered to be more effective than dusting with a mixture of ground Sulphur and Arsenate of Lead, many fruit growers do some dusting because of the greater speed with which an application may be made. For the same reason dusting is done extensively by potato growers. If dusting is preferred we recommend the S-W Dusts which have attained great favor, both with orchardists and potato raisers.

80-15-5 SULPHUR-ARSENATE OF LEAD DUST. Used for the control of certain fungous diseases and chewing insects on apples, pears, peaches and plums.

20-20-60 COPPER-CALCIUM-LIME DUST. For control of Potato Blight and Potato Bugs, being both a poison and a fungicide.

20-80 COPPER-LIME DUST. For use against Potato Blight, Celery Blight, and Tomato Leaf Spot. Has no poison.

DUSTING SULPHUR. Of extreme fineness (300 mesh) prepared especially for dusting.

Fly-Tox is Clean

Spray a cloud of **FLY-TOX** into the room. It kills household insects within ten minutes. Fly-Tox is clean. It leaves no inuss or dirt. Fly-Tox is bottled in convenient sizes. ½ pt., 40c; 1 pt., 70c; 1 qt., \$1.00; 1 gal., \$3.00, prepaid.



Russell Improved Fly Ribbon

(With Tack Attached)

Russell Fly Ribbons will catch more flies for a longer period of time than any other ribbon. Non-poisonous. Price, Pkg. of 5, 12c, prepaid.



Fertilizers

Fertilize Your Lawn and Flowers With Wizard

Everybody can get wonderful results with Wizard because it is a safe, natural fertilizer that does not burn plants. Wizard has a lasting, beneficial effect on the soil. It supplies the humus and natural food that all plants need to develop their real beauty. Wizard is positively weedless, highly concentrated, and easy to use. It is very economical, one bag equals a whole wagon load of stable manure.

Lawns. Make an application of Wizard early in the spring, if you want a thick, velvety, green turf of lasting beauty.

Flower Gardens. Luxuriant green foliage and vivid colored flowers are the result of using Wizard Broadcast 10 lbs. to 100 sq. ft. of garden soil. Mix a handful with the soil under each new plant, more for vines, shrubs and trees. Light applications during the growing season will prolong blooming.

Vegetables and Fruits. Every practical gardener knows that there is nothing better than manure to grow big, profitable crops. Wizard produces big crops of crisp, tender vegetables. Fruit crops respond quickly and show improved yield, color and flavor. Use 1000 to 1500 lbs. to acre. Prices: 5 lbs., 45c; 10 lbs., 70c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00, prepaid.

Two-In-One Peat-Poultry Manure

It is an ideal top-dressing for lawns, golf courses, shrubbery, small fruits, etc. Price, 5 lbs., 60c; 25 lbs., \$1.50; 50 lbs., \$2.00; 100 lbs., \$3.50, prepaid.

Ground Peat

Excellent for mixing with the soil for top dressing lawns and flower beds. Holds the moisture and prevents loss of plant food. Bales contain about 20 bushels. 3 qts., 15c; 1½ pk., 30c; 1 bu., 65c; ½ bales, \$2.25; bales, \$3.25.

Florida Humus

Most Soil is Deficient in Humus

Most soils, especially those under constant cultivation, are deficient in humus. That is why many lawns are weak and sparse, and will wither quickly in dry weather; — why flowers, trees, and shrubs fail to attain the full growth and beauty which should be theirs.

You can overcome this deficiency in your soil and obtain permanent fertility by using FLORIDA HUMUS. FLORIDA HUMUS provides lawns, flowers, trees and shrubs with the essentials required for strong, vigorous growth.

Used For:

Lawns, window boxes, flower beds, shrubs, trees, bulbs, vegetables, golf courses. Prices: 100 lb. crates, \$3.50; 200 lb. crates, \$5.75, delivered.



Ashes

Unleached, hardwood ashes, put in 100-lb. bags. Especially valuable for lawns.

Agricultural Chemicals

Nitrate of Soda. 15.50 per cent. nitrogen.
Sulphate of Ammonia. 20.56 per cent. nitrogen.
Muriate of Potash. 48 per cent. actual potash.
Sulphate of Potash. 48 per cent. actual potash.
Ground Tankage. 7.40 per cent. nitrogen, 9.15 per cent. total phosphoric acid.
Plain Superphosphate or Acid Phosphate. 16 per cent. phosphoric acid.
Special Ground Bone. 2.47 per cent. nitrogen, 22.28 per cent. total phosphoric acid.
As prices on chemicals change frequently please write for prices, stating kind and amount desired.

Bowker and Bradley Fertilizers

A full stock of these standard fertilizers constantly on hand, including:

XL Superphosphate of Lime, 3-10-4.
Bowker's Market Garden, 4-8-4.
Corn Favorite, 3-10-4.
Blood, Bone and Potash, 5-8-7.
Complete Manure with 10% Potash, 4-8-10.
A. A. Potato Grower, 5-8-10.
Complete Manure for Potatoes and Veg., 4-8-7.
A. A. Superphosphate, 0-20-0.
Also the New Agrico Brands for corn, potatoes and truck.

Stim-U-Plant Tablets

A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. Package, trial size (10 tablets), 12c; small size, 30 tablets, 25c; medium size, 100 tablets, 75c; large size, (pail), 1000 tablets (enough for season's supply for medium sized garden), \$3.50, prepaid. Keeps lawns fresh and green.

Adco—Artificial Manure

Free from foul odor, flies, weed seeds, etc. The process is perfectly simple and not at all laborious. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc., at the rate of two pounds to each wheelbarrow load of refuse, will produce a clean, odorless manure within three or four months. 25 lbs., \$2.35; 100-lb. bags (4-25's) enough for a heap 10 ft. by 7 ft. by 6 ft. making about two tons of manure, price \$8.00, prepaid.

Lime for Agricultural Purposes

R. R. LAND LIME

Calcium oxide 60 to 65%.

Magnesium oxide 4 to 5%.

Price: 50-lb. bags, \$1.00 per 100 lbs. Ton, \$13.00, freight not paid.

ROCKLAND AGRICULTURAL HYDRATED LIME

Calcium oxide 45 to 53%.

Magnesium oxide 25 to 33%.

Price: 50-lb. bags \$1.00 per 100 lbs. Ton \$14.00, freight not paid.

For Spraying

R. R. CHEMICAL HYDRATE

Air floated process 99.6%, passes through 325-mesh screen. Price: 50-lb. bag, \$1.25 per 100 lbs. Ton, \$17.50.



This inexpensive spreader consists of a cylinder of heavy cardboard perforated so as to sow any kind of commercial fertilizer on the lawn or garden. Comes knocked down so may be sent by parcel post but can be set up in three minutes. Price: \$1.00 post-paid.

Vigoro Spreaders for Plant or Lawn Seed

"Little" Vigoro Spreader (14 in. wide)\$ 3.25
"Junior" Vigoro Spreader (14 in. spread) 6.25
"Standard" Vigoro Spreader (24 in. spread) 11.25
"Special" Vigoro Spreader (36 in. spread) 17.75
Prepaid

Know the Joys of Successful Gardening



Have a beautiful, deep-green, weed-less lawn . . . larger, more colorful flowers . . . healthy, full-foliaged shrubs and trees! You *can* have all these things if you feed VIGORO, the complete, scientific plant food made by Swift. It contains all 11 needed plant food elements.

Millions of gardeners rely on Vigoro

Only 4 pounds of Vigoro per 100 square feet gives a real square meal to your lawn or garden.

100-lb. bag	\$4.50	10-lb. pkg.	1.05
50-lb. bag	2.75	5-lb. pkg.	.60
25-lb. bag	1.60	1-lb. pkg.	.20

Prepaid

every year. They like this clean, odorless plant food because it is so easy to use and yet gives assured results.

If you haven't tried Vigoro, we recommend that you try it this year. You'll be well rewarded if you do, because you'll find Vigoro the most effective and economical plant food you can buy. Add it to your order!

VIGORO

A Product of Swift

The Square Meal for Lawns, Flowers, Shrubs, Trees, and Gardens

Farm and Garden Tools

The H-K-P Three Power Forester Pruner

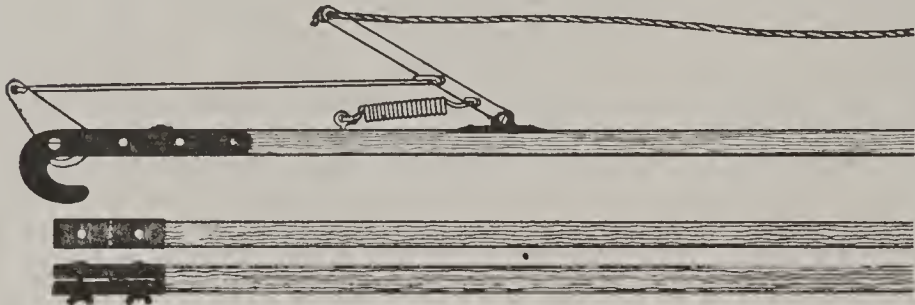


These tools are tremendously powerful. The edges are protected when the handles are closed, and in use the tool is much less apt to be dulled than an axe.

Prices—Prepaid

No. 120 Point cut. Capacity 1 3/16 inch green wood \$5.00
 No. 2. Capacity 1 1/2 inch green wood 6.00
 No. 3. Capacity 2 inch green wood 7.00

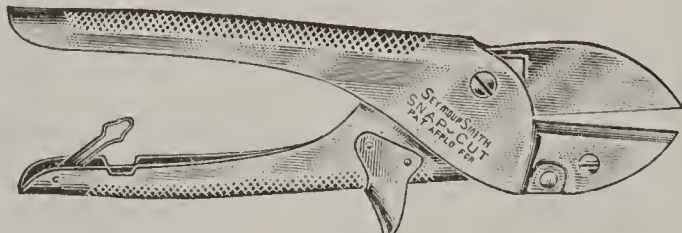
Tip-Top Tree Trimmer



For pruning raspberry, blackberry bushes and shrubs, and by adding 4 ft. sections to the handle to have a trimmer for use in the orchard and on shade trees with a handle as long as desired.

Price: Trimmer in three 4-ft. sections, \$2.00. Extra 4-ft. sections, 50c.

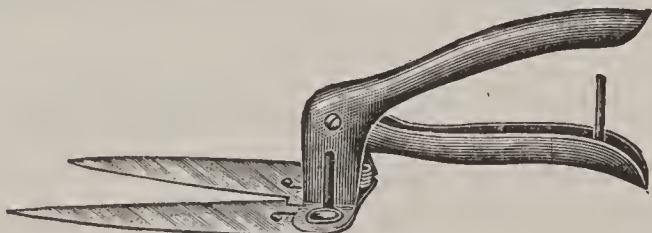
Snap-Cut Pruner



Easily cuts 3/4 inch branches, or smallest twigs. All steel, strong, comfortable, non-pinching handles, chrome finish.

Price: No. 119, 7 3/4 inches over all, \$2.00, prepaid.

Doo-Klip Grass Shear



(It's a Good One)

Price: \$1.60, prepaid.

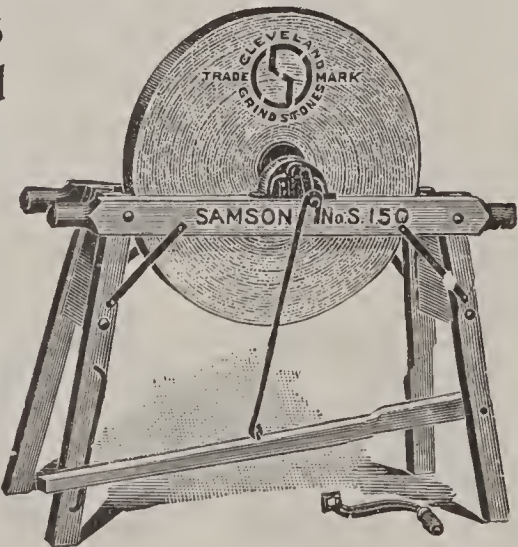
GRINDSTONES Samson Mounted

Frame of hard wood, securely bolted, fitted with both treadle and crank. The stones are from 22 to 26 inches in diameter.

The Harvest King Power Grindstone

For Farm Use

The frame is heavy angle steel, 1 1/4" x 1 1/4" x 3/16", strongly braced, is equipped with our high grade Cleveland Grindstone, 24" x 2", a 5/8" shaft, 12" x 2 3/8" pulley and heavy roller bearings, hand crank and drip cup. Weight, with regular equipment, about 125 lbs.



We also carry a line of mounted stones from 18 to 30 inches in diameter, also, scythe stones of various kinds, and grindstone fixtures.

Doo-Klip Long Handle Grass Shear



Saves
Back Ache,
Leg Cramp
Stooping,
Blisters.

PRICE

\$2.50

Prepaid

Lawn and Dandelion Rake

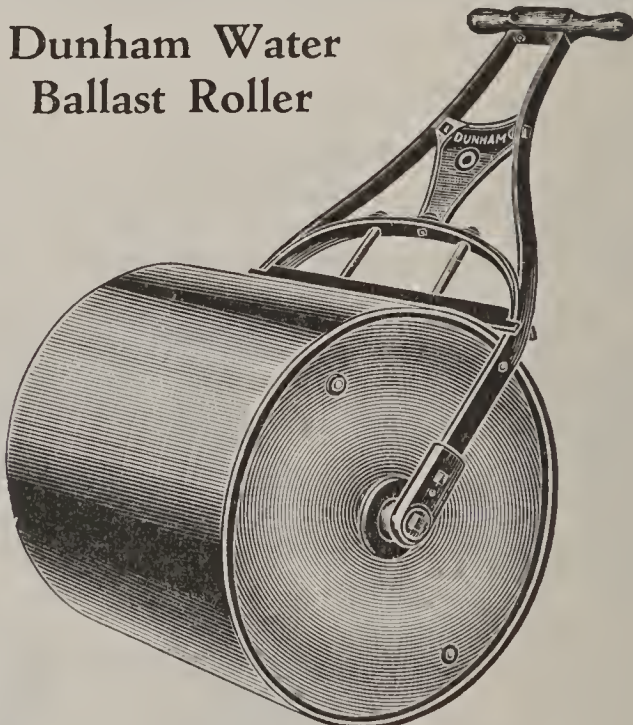


Price 16-inch, \$1.10; 22 3/4-inch, \$1.25, prepaid.

Lawn Mower Sharpener

Easy and simple to operate. Simply draw the sharpener back and forth a few times on each blade. Price, \$1.00, prepaid.

Dunham Water Ballast Roller



All in One

A light machine for soft, wet spring lawn. A heavy machine for the dry, hard summer lawn. A heavier machine for walks, drives, and tennis courts.

			Diam.	Width	Weight	
	Cat-	No.	of	of	Empty	Filled
	alog	of	Drums	Drums	Weight	Water
	No.	Drums	In.	In.	Lbs.	Lbs.
Roller Bearing	5	1	18 1/4	23 1/4	85	265
Roller Bearing	7	1	23 1/4	23 1/4	110	420
Plain Bearing	4	1	18 1/4	23 1/4	85	265

Farm and Garden Tools

ASPARAGUS KNIVES

40c; by mail, \$.50

AXES

Single Bit	1.80
Double Bit	2.30

AXLE GREASE

Mica, 1 lb. ....	.28
3 lbs. ....	.60
Snowflake, 1 qt. ....	.60

BALL, OX, Brass, Each ...13c to

BARS, Crow, Solid cast steel, lb. .12

BASKETS. See page 44.

BOUQUET HOLDERS, Tin.

No. 35, 3¼x6⅞ in. ....	.22
No. 145, 4½x8 in. ....	.30

BRACKETS, Flower Pot.

One-pot .....	.53
Two-pot .....	.63

BROOMS

House and Stable .....	.75c to 1.45
By mail, add .....	.12

BRUSHES

Bottle, each:

No. 61 .....	.43
No. 86 .....	.80

Dust, each:

No. 8 .....	.45
No. 232 .....	.60

Floor, each	\$1.40 to \$4.25
By mail, add .....	.12

Scrub, each:

No. 0 .....	.28
No. 1 .....	.33
No. 3 .....	.38

Stove, each:

No. 31 .....	.43
No. 41 .....	.53

Wire Caterpillar, 50c; by mail. .58

BULL RINGS, Copper

2 in. ....	.30
3 in. ....	.35

EDGING KNIVES

D handle	1.25
Long straight handle	1.20

FILES

Round, Slim Taper and Mill

FORKS

Hay: 3 tine	1.55
14-in.	1.70

Manure:

4 tine	1.57
5 tine	1.77
6 tine	2.00

Spading: 4 tine

FRUIT PICKERS, Wire

Without pole

GARDEN LINES

50 ft.

GARDEN LINE REELS

50 ft.

GARDEN HOSE, in 50-ft. lengths

Per foot	½-in. ⅝-in. ¾-in.
.....	\$.12 \$.13 \$.15

GARDEN TOOLS

Set of Hoe, Rake and Spade ... 2.00

GLAZING POINTS

Per 1000

GLOVES

All cotton, or cotton with	
leather palm	20c .50
By mail, add05

GRAFTING CHISELS

.....	\$1.00; by mail, 1.07
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GRAFTING WAX

¼ lb., 25c; ½ lb., 38c; lb.,	.60
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GRASS CATCHERS

.....

GRASS HOOKS

.....	35c to .65
By mail, add10

GRASS SHEARS

Doo-Klip. See page 40	1.60
No. 127	1.10

GRINDSTONES

Mounted, No. 1, each	\$14.32
Mounted, No. 2, each	12.15
Unmounted,	
22 to 30 in.	\$5.50 to 12.90

GUARDS

Flower Bed	16-in. 22-in.
Per foot	\$.10 \$.12

HANDLES

Axe, 35c to 60c; by mail, add \$.10

Hay Fork, 3¼ ft. to 6 ft.

35c to 65c; by mail, add .15

Hoe

Manure Fork

Pick

Rake

Shovel 75c to 80c; by mail, add .12

HEDGE SHEARS

8-in.	2.50
9-in.	2.65
10-in.	2.80

HOSE MENDERS

HOSE NOZZLES

HOSE RACKS

HOSE REELS, Steel

Victor

HOES

Field	\$1.00 1.10
Norcross, 3 tooth .....	.87
Norcross, 5 tooth	1.15
Potato .....	.90c to 1.40
Scuffle	1.40
Warren	1.50

KNIVES

Bread .....	.83
Budding	1.50
Hay	1.90
Pruning	\$1.00 1.50

LABELS, Wood Pot

Plain:

4 in., per M.	1.75
4½ in., per M.	1.85
5 in., per M.	1.95
6 in., per M.	2.15

Painted:

4 in., per M.	2.15
4½ in., per M.	2.25
5 in., per M.	2.35
6 in., per M.	2.65

By mail, add 10c per M.

LABELS, Wood Tree

3½-in. copper wire

MATTOCKS

Axe	1.15
Pick	1.15

PICKS

Contractor's	1.15
Railroad	1.15

PLANT STANDS. See page 45.

Wire

POTS. See page 45.

POWDER GUNS. See page 59.

PLANT TUBS. Painted green.

12 in.	1.25
14 in.	1.80
15 in.	1.90

PRUNERS

Rope Pull:

8-ft. handle	1.45
10-ft. handle	1.50
12-ft. handle	1.60
14-ft. handle	1.90
16-ft. handle	2.10

Standard:

8-ft. handle	1.75
10-ft. handle	1.85
12-ft. handle	2.00

RAFFIA, per lb.

RAKES

Bamboo Lawn .....	.50
Steel Garden	1.20
Steel Gravel	1.35
Wire Lawn .....	.90
Wood Hay .....	.80
Wood Lawn	1.00

SAWS

Pruning, double edge.	
18-in.	1.45
20-in.	1.55
No. 16, 14-in. adjustable	
blade	2.35
Wood	1.60

SCYTHES

SCYTHE SNATHS

SCYTHE STONES

SHEARS (for pruning)

American:

No. 10, 6-in., black .....	.60
No. 30, 9 in. ....	.80

Clyde. (Similar to Rockdale, but heavier and has draw cut):

22-in. handle	2.90
24-in. handle	3.15

SHEARS

Rockdale, wood handle:

26-in. handle	\$1.85
30-in. handle	2.10

SHOVELS

D Handle

Square or round	1.70
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Long Handle

Square or round point	1.70
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Bantam Shovel

Square or round point	1.70
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SPADES

SPRAYERS

Tin or galvanized iron

35c to 60c; by mail, add12
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SPRAYERS

Compressed Air. See page 59.

Wheelbarrow. See page 59.

SPRINKLERS

Galvanized iron:

4-qt. ....	.95
6-qt.	1.15
8-qt.	1.25
10-qt.	1.30
12-qt.	1.50
16-qt.	1.75

SPRINKLERS—Lawn

Globe	1.85
Majestic, 15 in. high	5.15
XL No. 2	2.00

STAKES

(for supporting plants).

See page 45.

SUPPORTS—Tomato

Bartlett. See page 44.

Bryant. See page 44.

THERMOMETERS

Dairy .....	.35
Brooder .....	.55
Incubator .....	.80
House .....	.55

TRELLISES

Ivy pattern. See page 45.

Fan pattern. See page 45.

Veranda pattern. See page 45.

TROWELS

No. 809, all steel, 6-in. ....	.20
Ladies', 6-in. ....	.20
Transplanting, 6-in. ....	.25
Solid steel, 6-in. ....	.77
Solid steel, 7-in. ....	.82

TWINE

Cotton, ball .....	.15
Hard, ball .....	.52
Soft, ball .....	.40
Tarred Lath Yarn, lb. ....	.32

WEEDERS

Hazeltine .....	.40
Magic A .....	.20
Magic C .....	.37
Magic D .....	.57
Magic BB, 36-in. handle .....	.38
Midget .....	.60
Norcross, 3-tooth .....	.87
Norcross, 5-tooth	1.15

WHEELBARROWS

Canal	6.50
Canal, all steel	9.50
Canal, steel tray	9.25
Garden, medium	7.00
Garden, pneumatic tire wheel	12.50

Farm, Garden and Household Requisites



The Deering Snow Scoops

For railroad crossings and platforms, ice ponds, mill yards, flat roofs, concrete walks, and general shoveling.

Price: 2 feet, \$5.50;
2 feet 6 inches, \$6.75.



Hay Knife

Price \$1.90, prepaid.

Snow Shovels

WOOD BLADE—STEEL BLADE

HYLITE THE ONLY SUN FAST PAINT

No more faded paint around your picture. Hylite tints are soft and delicate. They will not fade.

Anyone Can Apply Hylite

Easily mixed and applied with brush or spray pump. Hylite is the best Wall Paint for all styles of homes at 80% lower cost.

Contains Oil Paint Pigments

Special adhesive process permits mixing with water instead of oil. Great covering and hiding qualities.

No Need to Size Wall Board

with Hylite as with Oil Paint. One coat covers perfectly.

PRICES—Prepaid

5-lb. pkg.\$1.15
50-lb. pkg. 6.50

(5 lbs. makes 1¼ gal. paint)

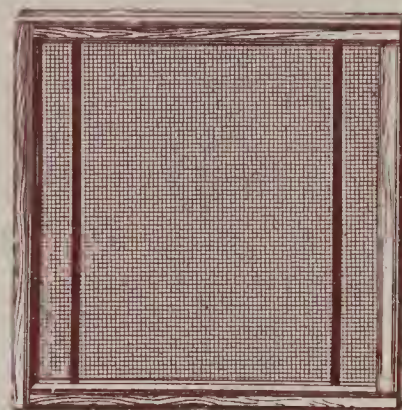
B. P. S. Paint

(Best Paint Sold)

PATTERSON-SARGENT CO. PAINT

A paint for every purpose, and every kind the best they can make. Write for color card of the kind you want and prices.

Adjustable Window Screens

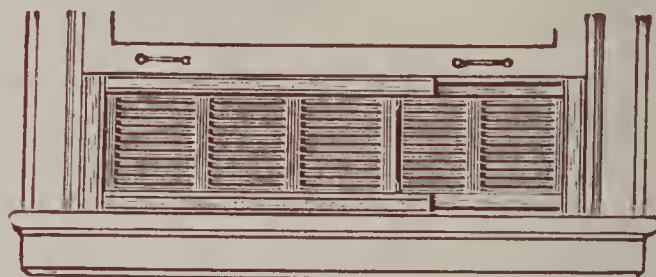


"The Continental"

Guaranteed to have perfect adjustment. Wire cloth is securely fastened to frame and covered with moulding. Material used is best hard wood finished in oil, both sides alike.

No.	Sizes			Price Prepaid
	High In.	Cl's'd In.	Op'n'd In.	
1533	15	21	33	\$.60
1833	18	21	33	.65
2433	24	21	33	.70
2437	24	23	37	.75

"Deflektair" Metal Center Window Ventilator



Rain or snow outside. Fresh air inside without draft. Protects curtains and draperies from moisture, dust, and soot. Adjustable to any window. Strongly constructed.

Made in the following sizes:

No. 87. 8 inches high, adjustable 21 to 37 inches wide. 45c, prepaid.

No. 117. 11 inches high, adjustable 21 to 37 inches wide, 65c, prepaid.



Stone Ware

All sizes of Stone Pork Barrels. Butter Pots, Bean Pots, Preserve Jars, Jugs and Churns.

Galvanized Ware

Ash Barrels, Water Pails, Tubs, Garbage Pails, Oil Cans.

White "Can't Splash" Mop Wringers

FAMILY SIZE
Price, \$2.95

JANITOR'S SIZE
Price, \$3.50

Prepaid

Corn Poppers

3 qt. wire handle, sliding cover. Price, 50c, prepaid.
Electric. 3 qt. \$1.35, prepaid.

Popping Corn

LITTLE BUSTER. Pops without any hard center. Pkg., 20c, prepaid.

WHITE RICE. Both shelled and on the cob. Lb., 20c, prepaid.

DYNAMITE, or SOUTH AMERICAN YELLOW CORN. Pops very large fine flavor, tender and an attractive color. Lb., 20c, prepaid.

Farm, Garden and Household Requisites



Atlas Easy Seal (E-Z) Jars

A name known wherever jars are used, for Atlas Jars are reliable. ½ pt., 1 pt., 1 qt., 2 qt. Write for prices.

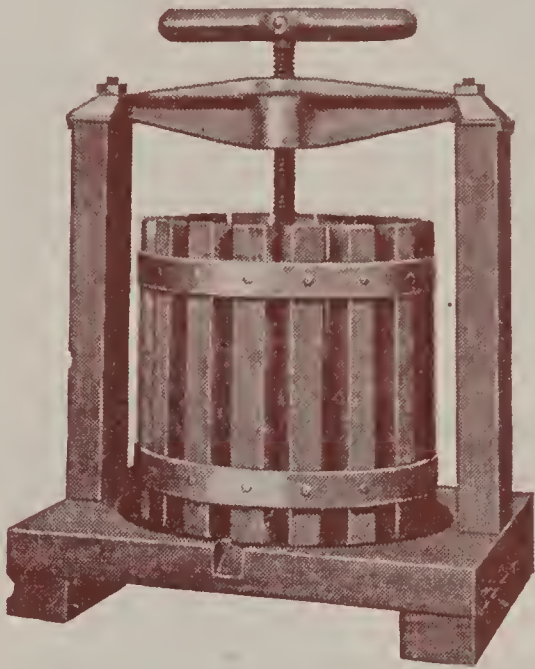
Jelly Tumblers

Best quality clear glass. 1/3 pints, packed, 1 dozen to the carton, 6 cartons to the case. Price, doz., 63c, prepaid.

Fruit Jar Rings

Attractively packed in handsome colored containers. Per doz., 12c, prepaid.

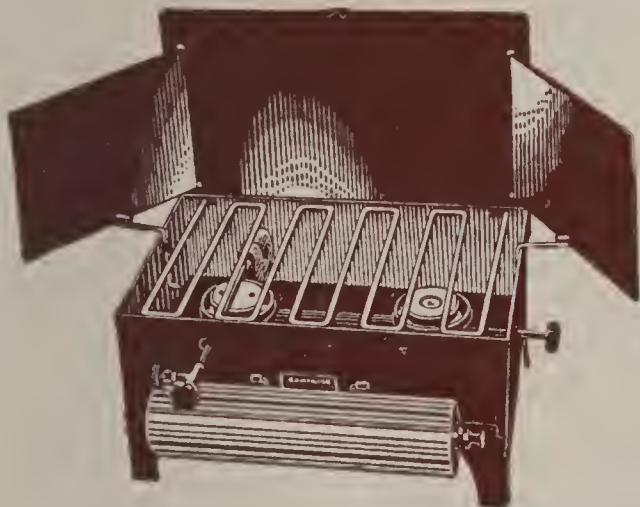
The No. O "Oasis" Wooden Fruit Press For use on table or bench



The steel press screw has a clean-cut thread and operates through a heavy nut which completely surrounds the crosshead.

Specifications for No. O Press: Height of frame 17¼ inches; width of frame 14½ inches; depth of press, 11 inches; size of tub 9 x 9¼ inches; capacity of tub, about 8 quarts; weight, complete, 23 pounds. Price, \$4.60, prepaid.

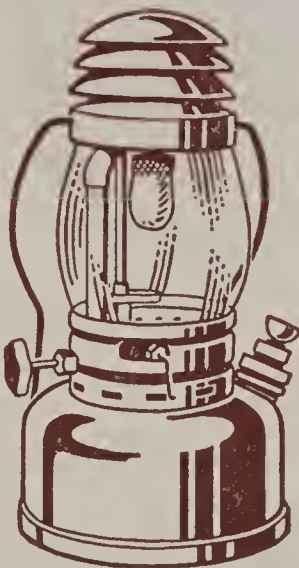
American Gasoline Kampkook



Uses common untreated gasoline, is instant lighting, burns with clear blue flame for 20 to 30 hours on one gallon of gasoline.

PRICE

No. 2721 two burner 17 x 11 in. top, steel grate, \$4.50 prepaid.



American Ready-Lite Lamps and Lanterns

Cost less than oil to use, give 25 times as much light, cleaner and safer. Can not spill nor leak, nor explode if upset. Lights instantly. Price: 1 mantle, \$8.00; 2 mantles, \$10.60, prepaid.

American Kitchenkook

Kitchenkook is a gas stove, making its own gas from any good grade of gasoline. Lights with a match, equipped with our Blue Flame match lighter. In one minute all burners are ready; turn them on or off as wanted like gas.

Prices, \$15.00 to \$75.00. Send for circular.

Ice Cream Freezers

WHITE MOUNTAIN

Prepaid		Prepaid	
1 quart	\$4.00	6 quart	\$ 9.00
2 quart	4.75	8 quart	10.35
3 quart	5.50	10 quart	13.75
4 quart	6.50	12 quart	16.20

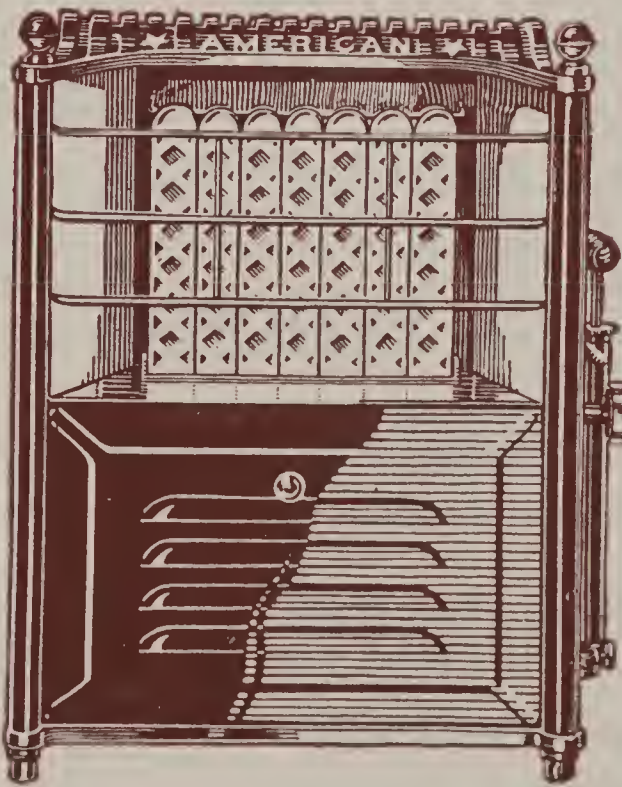
Write for prices on larger sizes.

ALASKA

1 quart	\$3.00	8 quart	\$ 8.25
2 quart	3.50	10 quart	10.80
3 quart	4.00	12 quart	14.00
4 quart	5.00	15 quart	17.20
6 quart	6.35	20 quart	21.70

MT. WASHINGTON

2 quart	\$2.00	4 quart	4.25
3 quart	3.50	6 quart	5.75



American Radiant Heater

It's a real gas heater making its own gas from gasoline. No gas tubing, no connections. Distributes heat by radiation from fire clay radiants, and by reflection from the highly polished reflector surrounding the radiants on three sides. Tank holds 1 gal. sufficient for 8 to 10 hours.

Price, \$10.00, prepaid.

K. & W. Sanitary Sweeping Compound

Price, 50-lb. keg, \$2.75; 100-lb. keg, \$4.25, prepaid. Special quotations on large quantities.

Brooms, Brushes, and Dusters, and a
Large Variety of Wooden Ware
of All Kinds

Farm and Garden Requisites

Hotkaps Keep Plants Warm

Matures crop earlier; shields plants from wind and rain; protects them from frost and insects; keeps dirt soft—miniature “hothouses”. A revolutionary device that saves farmers much time, labor, and money.

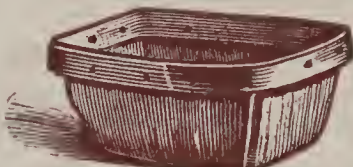
	Prepaid
1,000 to carton, per 1,000	\$10.63
5,000 to carton, per 1,000	10.53
10,000 to carton, per 1,000	10.43
25,000 to carton, per 1,000	10.33
100 package, complete	2.78
250 package, complete	4.00
Steel Setter and Tamper	1.50
Garden Setter alone .....	.58
Steel Tamper alone .....	.25

Pansy Baskets

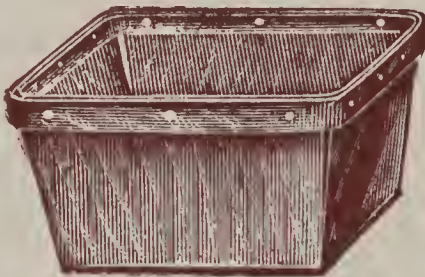
	Prepaid		Prepaid
8½ x 5½, per 100	\$1.75	13 x 7½, per 100	\$4.00
10½ x 6½, per 100	2.00	Handles extra, per 100	3.75

Berry Baskets

Our berry baskets are made of the best quality clear wood and put up in a good strong carton. Packed 500 in a crate. Write for prices.



Oblong Pint



Quart



Dirt-Proof, Washable GARDEN GLOVES

ALL LEATHER
DURABLE
EXTRA SOFT

Easy to Wear

—for Men and Women

Eezy Wear gives you everything you want in a garden glove: **all-leather** protection from dirt, scratches, stains, infection—yet permit almost **BAREHAND FREEDOM**. Their amazing **softness** and **pliability** are the result of a special processing of select lamb skins. Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for **gardening, housework, painting, furnace, garage, etc.**

Sizes for **WOMEN** (small, medium, large) and **MEN** (small, medium, large).
Price, 75 cents a pair, **postpaid**. (2 pr. \$1.40.)

Eezy Wear
NATIONAL GLOVES

COTTON GLOVES, 15c to 30c, prepaid.
LEATHER PALM GLOVES, 40c to 75c, prepaid.

Iwan Post Auger

Price: 4 in., \$3.50; 6 in., \$3.50; 8 in., \$3.85, prepaid.

Blueberry Picker

Made in the following sizes:

	Prepaid		Prepaid
25 point	\$2.75	40 point	3.60
30 point	3.10	45 point	4.10
35 point	3.35	50 point	4.35



Tomato and Plant Supports

Designed especially to protect tomatoes, peonies, and small shrubs and tall growing plants.

BARTLETT. Hardwood with wire hoops. Price, 40c each; \$3.85 per dozen.

BRYANT. Hardwood standards and wood hoops. Price, 30c each; \$2.25 per dozen.

Trowbridge's Grafting Wax

The finest quality made, put up in neat packages with directions for use. 1-lb. package, 60c; ½-lb. package, 38c; ¼-lb. package, 25c, prepaid.

GRAFTEX

A scientific grafting and dressing compound—endorsed by leading tree surgeons and agricultural authorities.

Graftex protects the plant in every respect—goes 50% further than old-style grafting wax. Prices: ½ lb., 60c; 5 lbs., \$4.25, prepaid.

The “Burn-All” Incinerator

Endorsed by Health and Fire Authorities



For quick and safe disposal of rubbish, refuse and garbage for all home owners, private institutions, country clubs, schools, farmhouses, camps, resorts, parks, industrial plants, stores, estates, etc. The “Burn-All” will burn all your refuse and is the last word in sanitary garbage disposal.

COMPLETE SPECIFICATIONS

Model Nos.:	No. 1A	No. 4	No. 8
	Size	Size	Size
Capacity—Bushels:	2¼	4½	8⅞
Diameter of Body	19"	24"	33"
Height of Body	26"	30"	30"
Height of Legs	6"	6"	7"
Length of Pipe	23"	26"	26"
Diameter of Pipe	5"	6"	6"
Height Over All	4' 7"	5' 2"	5' 3"

Cyclone Catch-All Basket

The Ideal Rubbish Burner for Homes, Schools, Parks, Tourist Camps, Etc.

Fill them up—burn them out. The raised bottom permits draft; the close mesh keeps burning fragments safely confined, no fire hazard. Specifications: Height, 29 inches. Width at top, 20 inches. Width at bottom, 16 inches. Weight, including cover, 14½ lbs. each. Size of wire used, No. 10 gauge. Size of mesh, 1½ inch. Welded at every fourth intersection; 198 welds. Very rigid construction. Finish, baked green enamel.

Apple Shipping Baskets

BASKET LINERS. Caps, tissue wrappers.

Barrel Liners and Pulp Heads

For Apple Barrels
Write for prices.

Hay Ties

No. 15 Cross Head, 6, 6½, 7, 7½, 8, 8½, 9, 9½. Write for prices.

Farm and Garden Requisites

Simmons Window Box

A good box at a low price. Made of galvanized iron, finished in green.

PRICES—Prepaid

24-inch	.....\$ .90	36-inch	.....\$1.45
30-inch	.....		1.15



Keeps the pot wall moist at all times, preventing the lower portion of the soil from drying out.

PRICES—Prepaid

		3 1/2 in.	4 1/2 in.	6 in.
With saucer	.....	\$ .30	\$.40	\$.50
Mat only	.....	.20	.25	.30

Trellises

K. & W. Lattice Veranda Trellis

	Each	Dozen
6 1/2 ft.	\$1.00	\$10.75
7 1/2 ft.	1.10	11.50
8 1/2 ft.	1.25	13.50

FAN TRELLIS

1 1/2 ft.	.....\$ .25	\$ 2.50
2 ft.	.....	3.00
2 1/2 ft.	.....	3.50
6 ft.	.....	11.50
7 ft.	.....	13.50
8 ft.	.....	16.50

ROUND IVY TRELLIS

12 in.	.....\$ .35	\$ 3.50
16 in.	.....	4.75



Plant Stakes

From one and one-half to six feet in length, used for supporting single stalks of roses, dahlias, etc.

SQUARE STAKES—Painted Green

	Per doz.	Per 100
1 1/2 ft.	.....\$ .25	\$ 1.60
2 ft.	2.35
2 1/2 ft.	3.40
3 ft.	6.20
4 ft.	9.85
5 ft.	14.50
6 ft.	16.00

Bamboo Stakes

Prepaid

	Per doz.	Per 100
5 feet, natural color	.....\$ .65	\$4.00
4 feet, green	.....	1.00
3 feet, green	.....	.80
1 1/2 feet, green	.....	.40

Bird Neponset Plant Boxes

The ideal container for starting seedlings early indoors and for growing and marketing plants in units of twelve. Packed in bulk for greenhouse use or in individual envelopes for retail sale. Each 18¢, prepaid.

Wicker Stands

With Galvanized Iron Lining
30-inch, \$2.50 to \$5.00.

Wire Plant Stands

1 shelf, folding	.....\$3.35	3 shelf, folding	.....\$6.00
2 shelf, folding	.....	4 shelf, folding	.....

Standard Flower Pots



Not Prepaid

Inches	Pots Per doz.	Saucers Per doz.
2	\$.18	
2 1/2	.25	
3	.35	\$.28
3 1/2	.40	.35
4	.50	.38
5	.85	.50
6	1.25	.70
7	2.10	.95
8	3.00	1.35
9	4.75	1.90
10	5.85	2.75
11	9.25	3.20
12	12.50	4.00
14	21.00	6.00

Measurement from inside to inside. Width and depth equal.

Round Seed and Bulb Pans

Not Prepaid

Inches	Each	Per doz.	Inches	Each	Per doz.
6	\$.11	\$1.25	9	\$.45	\$ 4.75
7	.20	2.10	10	.55	5.85
8	.28	3.00	12	1.20	12.50



Metal Flower Pots

Perfecto pots are made of light-weight coppered metal guaranteed for five years' service. The metal construction prevents evaporation through the walls which dries out the earth rapidly in a warm room. Come in Emerald Green and Chinese Red.

PRICES—Prepaid

5-in. Pot	.....28c	10-in. Pot	.....70c
6-in. Pot	.....33c	12-in. Pot	.....95c
8-in. Pot	.....48c	6-in. Bulb pan	.....33c

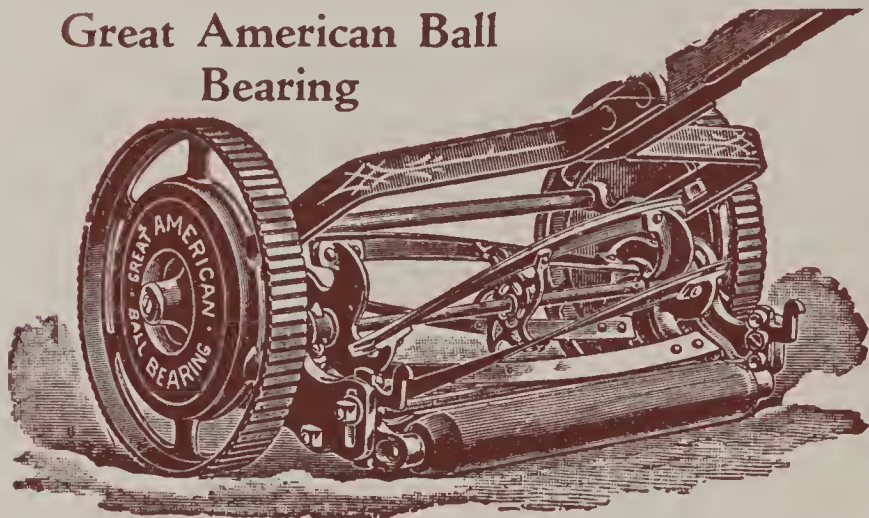
Neponset Paper Pots

PRICES

Neponset Red Shipping Pots				Neponset Green Growing Pots			
Size	Per doz.	Per 100	Per 1000	Size	Per doz.	Per 100	Per 1000
2 1/4	.....\$ .10	\$.40	\$2.50	4	.....\$ .25	\$.80	\$5.30
2 1/2	.....	.45	2.70	5	.....	1.00	6.95
3	.....	.50	3.40	6	.....	1.50	9.30
3 1/2	.....	.60	4.35				

Power and Hand Lawn Mowers

Great American Ball Bearing

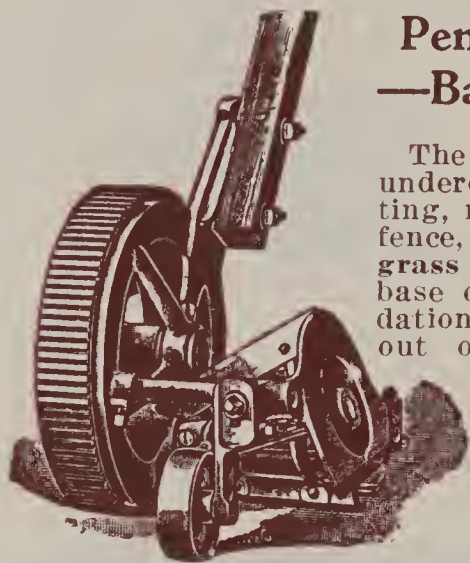


This machine is one of the most popular of the "Pennsylvania" line and consequently is more imitated than any other lawn mower manufactured. Raised edge, self-sharpening lower knife, highest grade ball-bearing, smooth running, are special features.

Sizes	10-Inch Driving Wheels. 5 Blades.	Price
15-inch	\$15.50
17-inch	17.50
19-inch	19.50
21-inch	21.50

Freight Paid

Pennsylvania Undercut—Ball Bearing Trimmer



The unique construction of the undercut trimmer permits cutting, not only close up to a wall, fence, tree, etc., but it will get the grass under a fence or rock-cut base of tombstones, house foundations and other places hitherto out of reach of anything but hand shears. The slanting side plate and conical cylinder make it possible to cut all grass left by the regular style of lawn mower. For cemeteries it has the special advantage of not marking or smudging the tombstones as the side plate does not come in contact with the stone above the grass line.

It is fitted with the STAYTITE HANDLE, with adjustable steel clamps to take up any possible shrinkage. Price, \$12.00, Freight Paid.

9½-inch drive wheel. Four-blade cylinder. Width of cut 5½ inches. Net weight, boxed, inc. handle, 35 lbs. Net weight, 23½ lbs.

Red Star Mower

Has solid rubber tires, and rubber covered roll. 10-inch wheels, 5 blades, 16-inch cut. Price, \$10.00, Freight Paid.

"Nox-All" Holdsmore Grass Catcher

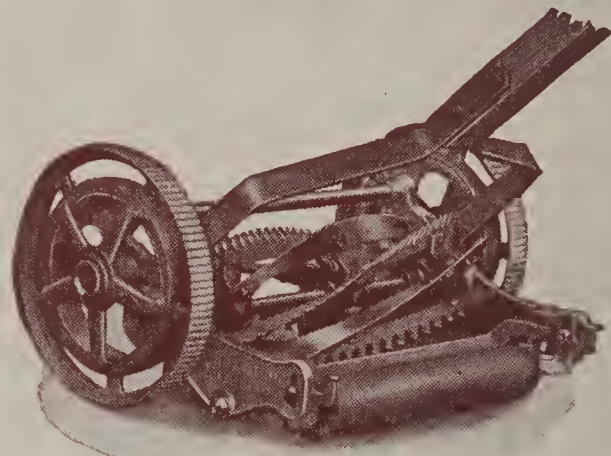
Will fit any mower made. Instantly attached and detached. Canvas body, galvanized iron bottom, combining strength with lightness.

No. 1, for 12, 14, and 16-inch mowers, \$1.25.

No. 2, for 16, 18 and 20-inch mowers, \$1.35.



Kutall Mower



Cuts all high grass, weeds, wild onion, plantain, dandelion, buckhorn, etc., and at the same time, will cut the grass as short and smooth.

This has been accomplished by placing between each reel knife, a hook-like rake which is adjusted to clear the lower knife by approximately ⅛ inch, so that there is no wear on these rakes, nor any added effort on the part of the operator when pushing the machine.

Specifications: 9-inch wheels, 5½-inch reel, 4 blades and 4 rakes, crucible steel, oil tempered. Prices, 14-in., \$10.00; 16-inch, \$10.50, Freight Paid.

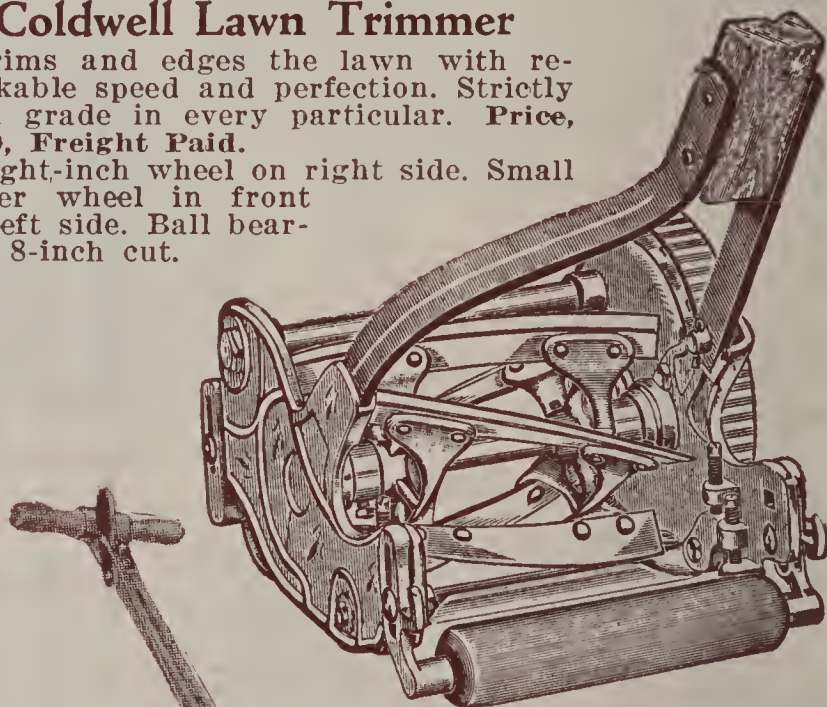
Apex Lawn Mower

Attractive lawn mower with self-adjusting ball bearings, 10-inch drive wheels, 4-blade cutting reel. Well made, low in price. Finish: gold body and wheel trimmed with green. Price, 14-inch, \$8.50; 16-inch, \$8.75, Freight Paid.

Coldwell Lawn Trimmer

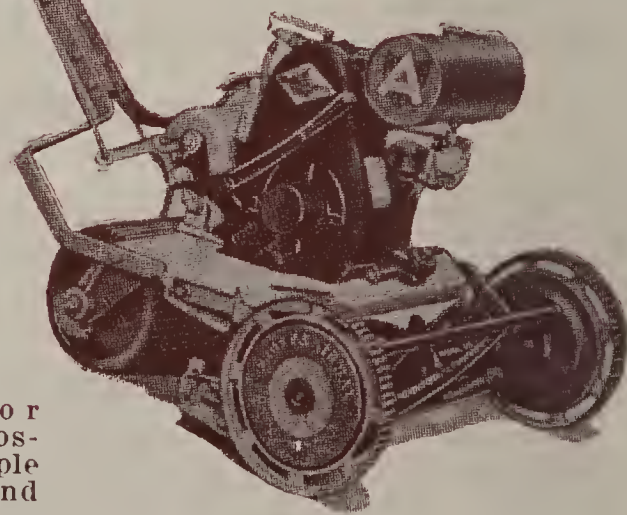
Trims and edges the lawn with remarkable speed and perfection. Strictly high grade in every particular. Price, \$8.50, Freight Paid.

Eight-inch wheel on right side. Small caster wheel in front on left side. Ball bearing, 8-inch cut.

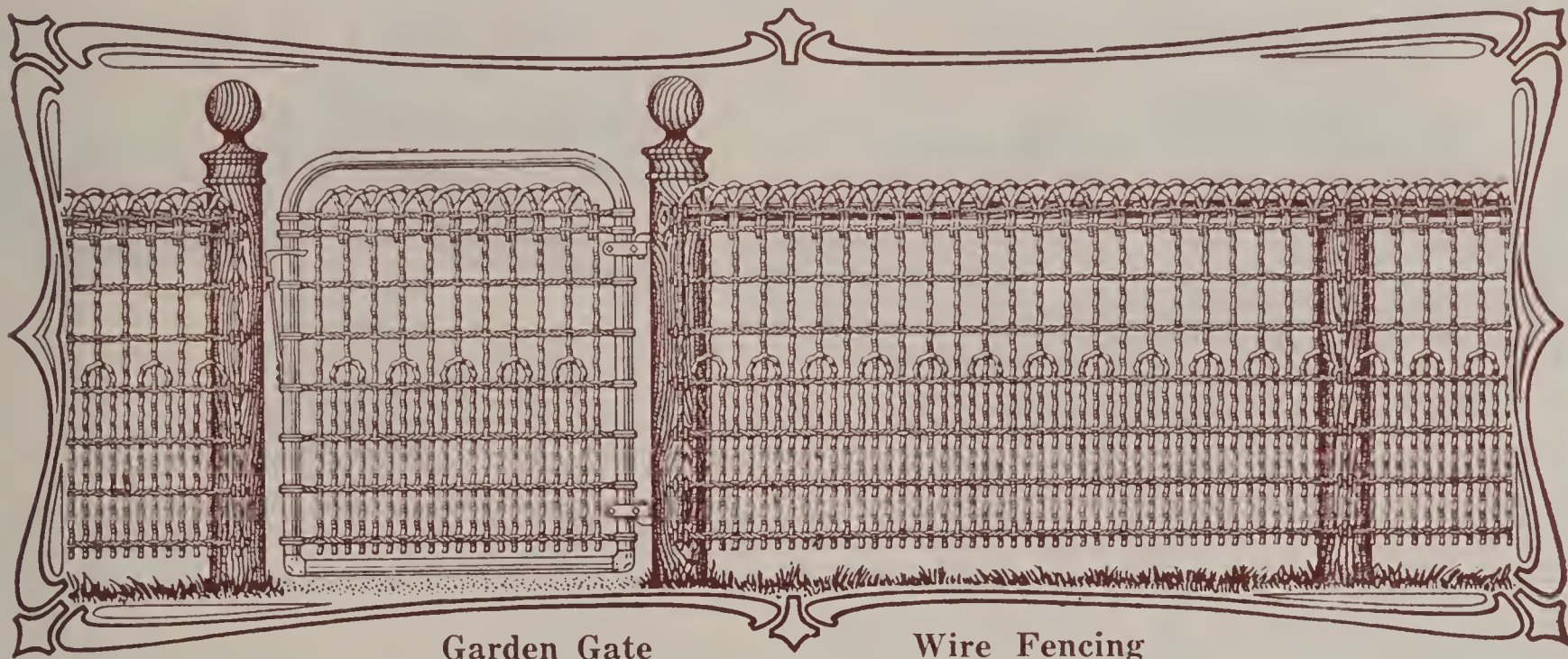


American Power Mower

A mower for homes, schools, hospitals, etc. Simple construction and easy to operate.



Garden, Poultry and Animal Fences



Garden Gate

Wire Fencing

Waukegan Galvanized Cyclone Sanitary Wire Fencing



Cyclone Single Trellis
18 in.—13c ft., prepaid.

Steel Fence Posts
6½ ft., 7 ft., 8 ft.

Line, End and Corner Posts

These posts are easier to set, neater looking, and cannot be destroyed by grass or bush fires.

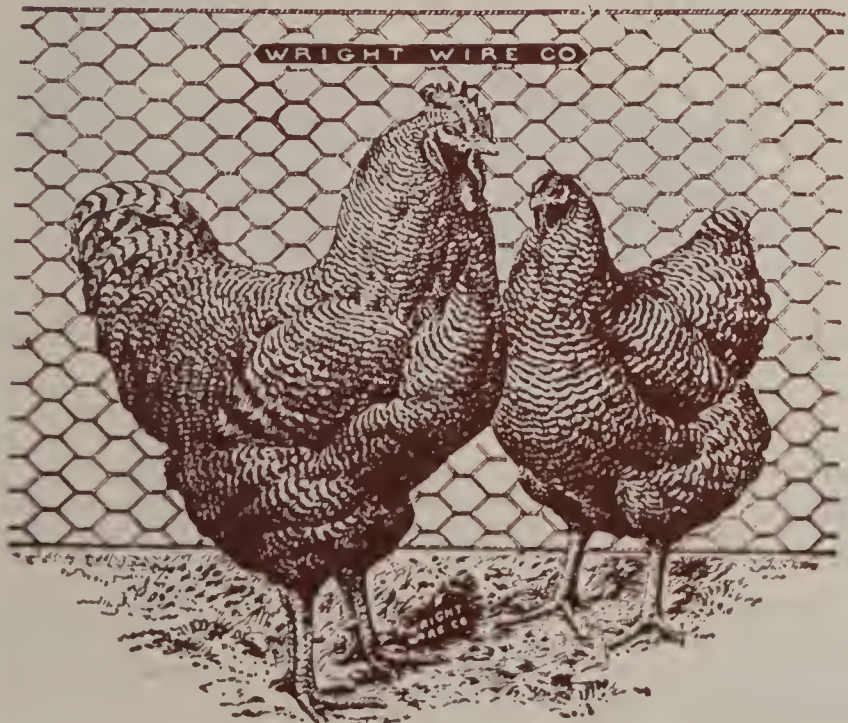
Perfection Flower Guard

16-in. Heavy	12c ft.	16-in. Light	10c ft.
20-in. Heavy	14c ft.	20-in. Light	12c ft.
Prepaid			

Woven Field Fence

Hog . . .	{ O	726- 6	7 bars, 26 inches, 32 stays per rod.	Spaced, 3 3 3½ 4½ 5½ 6 inches.
	{ O	832- 6	8 bars, 32 inches, 32 stays per rod.	Spaced, 3 3 3½ 4½ 5½ 6 6½ inches.
Cattle . .	{ O	635-12	6 bars, 35 inches, 16 stays per rod.	Spaced, 6 6 7 8 8 inches.
	{ O	845-12	8 bars, 45 inches, 16 stays per rod.	Spaced, 4 5 6 6 7 8 8 inches.
	{ O	1047- 6	10 bars, 47 inches, 32 stays per rod.	Spaced, 3 3 3½ 4½ 5½ 6 6½ 7 8 inches.
	{ S	1155-12	11 bars, 55 inches, 16 stays per rod.	Spaced, 3 3 3½ 4½ 5½ 6 6½ 7 8 8 inches.

Galvanized Hex Mesh and W. S. Straight Poultry Fence



Netting

Made from No. 20 selected steel wire, galvanized after weaving. Made in 2-in. and 1-in. mesh, and of a superior, smooth finish. This netting is put up in rolls containing 150 running feet, and in the following heights: 1 ft., 1½ ft., 2 ft., 3 ft., 4 ft., 5 ft., and 6 ft.

Netting for Special Uses

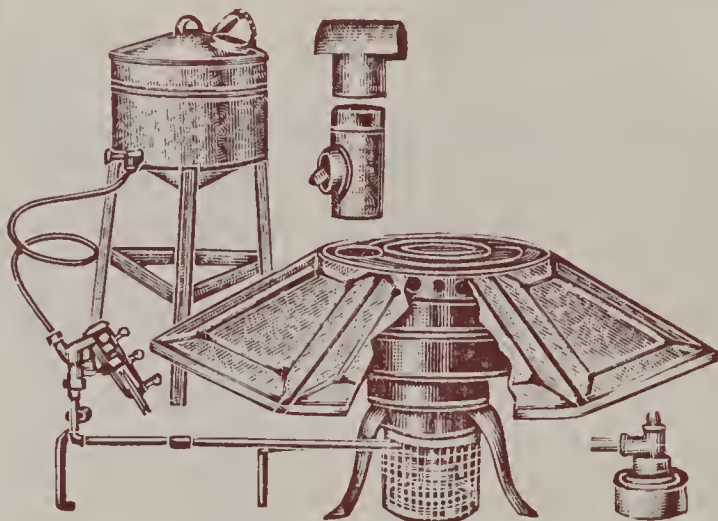
In Heavier Grades

¾ in., 1 in., 1½ in., 2 in.

Used for dog pens, range shelters, tennis courts, fox pens, baseball backstop, and similar purposes. Shipment made from factory.

Kendall & Whitney Poultry Supplies

No. 255 Hudson Brooder



No Carbon — No Soot — No Roar

The specially designed Hudson SILENT Wickless Burner gives perfect combustion because the right amount of air and its method of introduction into the burner gives a clean, white flame that burns silently. No roar to disturb chicks. The soot or carbon is self-consumed. Heavy grey iron legs. Burner will give many years of hard service—nothing to go wrong.

54-inch hexagon-shaped hover; drum 22 in. diameter, 8 in. deep. Combustion chamber 9 in. diameter by 10½ in. long. Overall height 24½ in. 8-gal. fuel tank. Recommended for houses up to 14x14 for 500 to 1000 day-old chicks. Packed in one carton, and one crate. Weight 78 lbs. Price, \$18.90.

The Putnam Brooder

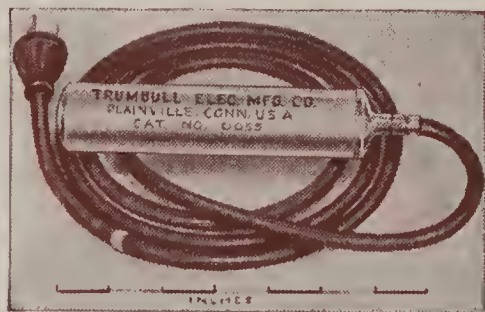


This little article makes the best little brooder in the world.

Stove costs \$4.75 prepaid. With the stove we will furnish directions for building. Anyone can make the brooder out of a shoe box in a little while.

A shoe box, a few nails,

this stove and an hour's time gives you a brooder which will serve you as well as any other on the market. Weight, 6 lbs.

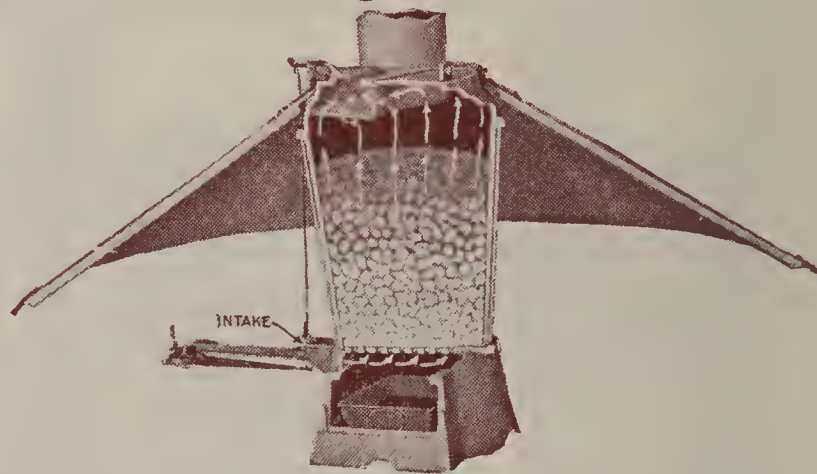


The Trumbull Automatic Water Warmer

For Use in Open Pans and in Fountains on 110-Volt A. C.

Constructed to be thoroughly waterproof. Simply drop it into the drinking pan or bucket and plug it into the socket of a live wire. Day and night, throughout the cold weather season, it holds water to a temperature of approximately 50 degrees. It operates most efficiently in about 10 quarts of water but may be used successfully in vessels containing up to 20 quarts of water. Price, \$3.00, prepaid.

Koal King Coal Brooder



Improved half-hinged canopy, providing greater convenience in operation. Large, heavy firepot. Straight side design giving greater coal capacity. No clogging. Wide grates. Double draft control. Burns either hard or soft coal.

No. 539. Canopy 56 in. Fuel capacity 60 lbs. Height 25 in. Grate 10¾ in. Weight 130 lbs. Capacity 500 to 1000 chicks. Price, without pipe, \$19.50; with pipe, \$21.45.

Brooder Equipment

Galvanized pipe for chimney in 10 ft. lengths, 3-inch, 4-inch, 5-inch. Galvanized elbows, 3-inch, 4-inch, 5-inch. Chimney caps, 3-inch, 4-inch, 5-inch. Galvanized Roof Saddles, 4-inch, 5-inch. Wafer Thermometers, 3-inch, 4-inch.

Liv-an-Gro Brooder

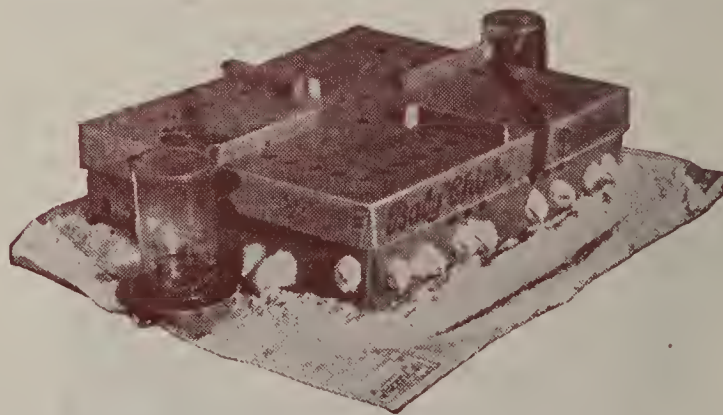
Capacity for one week only 50 chicks. If used for 3 to 4 weeks we recommend 3 brooders for 100 chicks.

SPECIFICATIONS AND PRICES

Collapsible, easy to set up or knock down. Made of heavy grade waterproof Kraft corrugated board—insulation equal to cork—keeps heat in for a minimum of heating cost. Sanitary No. 18 gauge, half-inch galvanized wire bottom. Metal feed and water pans quickly attached to outside. Liv-an-Gro Brooders will last many years.

LG-2—Electric, with metal cylinder which clamps to wire bottom. Six feet of electric cord supplied with socket and plug attachment. (Electric bulb not furnished.) \$2.10 each, postage paid.

Anderson Stickless Feed-O-Box



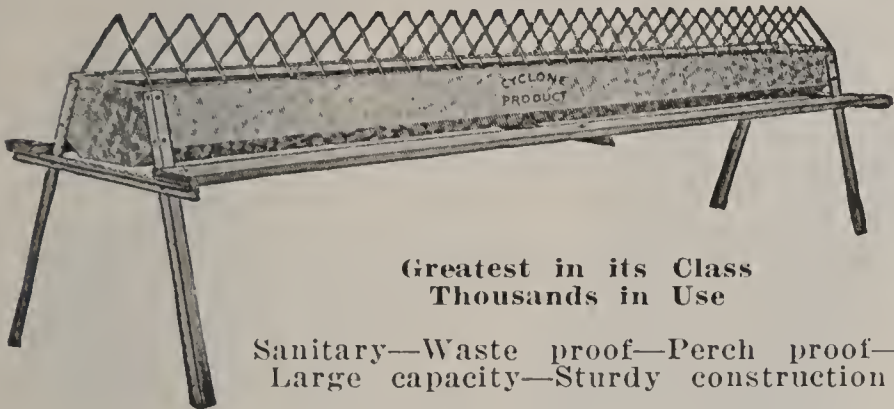
No sticks; no nails, no glue, better ventilation. This stickless Feed-O-Box does the same work as a regular chick box and in addition it acts as a starting brooder for the chicks on arrival.

No. SF-100 (100-chick size) 22x18x5½ in., weight 215 lbs. per 100 boxes. Packed 30 in bundle. 100 boxes or over 17½ each. Lots of 100 lbs., freight prepaid. Bundle lots 20c each. U-staples extra, \$1.25 per 1000, 15c per 100. By express or freight only.

Cyclone Poultry Supplies

BROODER AND LAYING HOUSE EQUIPMENT

Cyclone's Great Longfellow Feeder



Greatest in its Class
Thousands in Use

Sanitary—Waste proof—Perch proof—
Large capacity—Sturdy construction

			Feeding		Ship.	Each
404	4 ft.	1 1/4 bu.	App. 8 ft.	2 to ctn.	33 lbs.	\$3.60
405	5 ft.	1 1/2 bu.	App. 10 ft.	2 to ctn.	54 lbs.	4.55
408	8 ft.	2 1/2 bu.	App. 16 ft.	2 to ctn.	70 lbs.	6.50

Cyclone Float Valve Fountain



Cyclone's F-V Fountain, equipped with heater and perch stand makes an ideal poultry house fountain for the laying flock.

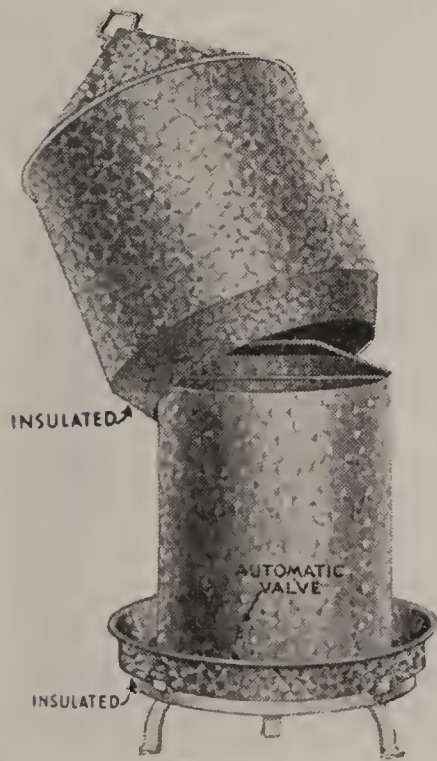
Regular heater and perch stand equipment are supplied on this F-V fountain, which assures perfect heat control and clean water.

This fountain may be used with electric heater if desired.

Fountain with Oil Heater

No.	Capacity	Packed	Ship. wt.	Each Prepaid
5H	5 gal.	1 to carton	23 lbs.	\$4.85
10H	10 gal.	1 to carton	30 lbs.	6.55
70	Perch Stand for 5 Gallon Fountains			1.50
80	Perch Stand for 10 and 8 Gallon Fountains			1.50

Thermos Fountain



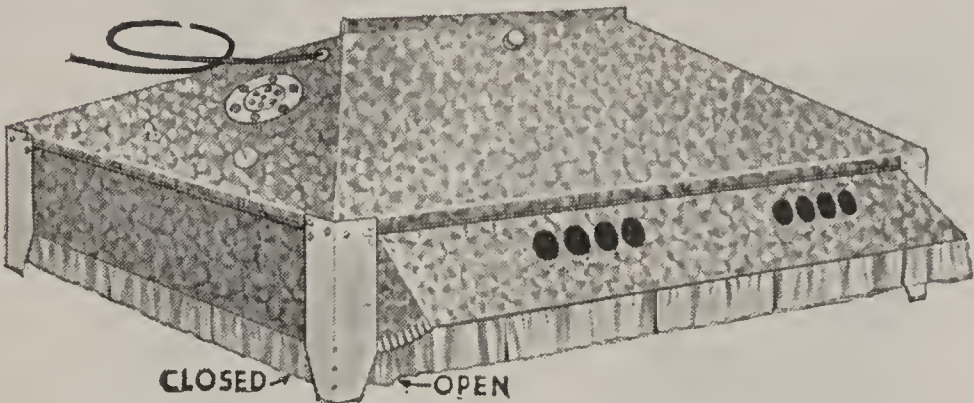
This full-drink thermos fountain is built on the double cylinder brass spring valve principle, as used on the No. 305 Fountain. This construction gives such features as: full drinking pan, inner carrying handle, perch-proof top, automatic spring valve and Hi-Lo Stand.

Keeps water warm in winter
and cool in summer

Packed 1 to carton

No.	Cap.	Ship. wt.	Each Prepaid
3T	3 gals.	25 lbs.	\$3.85
5T	5 gals.	30 lbs.	4.90

The Cyclone Electric

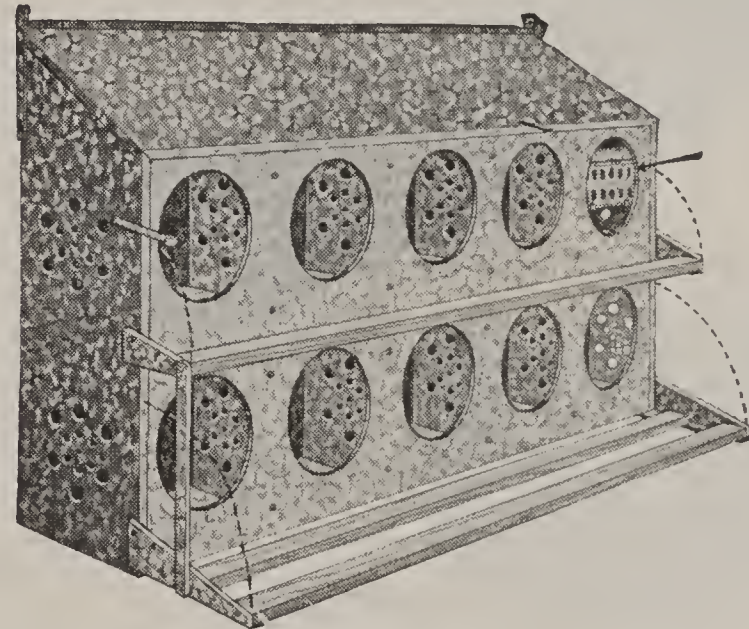


Users of the Cyclone Electric are raising more and better chicks, are raising them easier and at considerably less cost. This has been made possible through the perfection of the Expansion Hover which is considered the greatest single development in electric brooding. Cyclone dual insulation is a combination of Insulating material and exhaust air. The heating elements in the number 500 size have a total rating of 800 watts or 400 watts each for use on a 110 volt A. C. The elements used on the No. 300 size are rated at 300 watts each giving a total wattage capacity of 600 watts. Such accessories as adjustable legs, red signal light, pilot lights, Wafer Thermostat, Thermometer, detachable curtain and eight feet of rubber covered drop cord are regular equipment for the Cyclone Electric.

No.	Chick Capacity	Ship. wt.	Each
300	200-300	85 lbs.	\$23.50
500	300-500	120 lbs.	29.50

Sanitary Steel Laying Nests

With or Without Traps



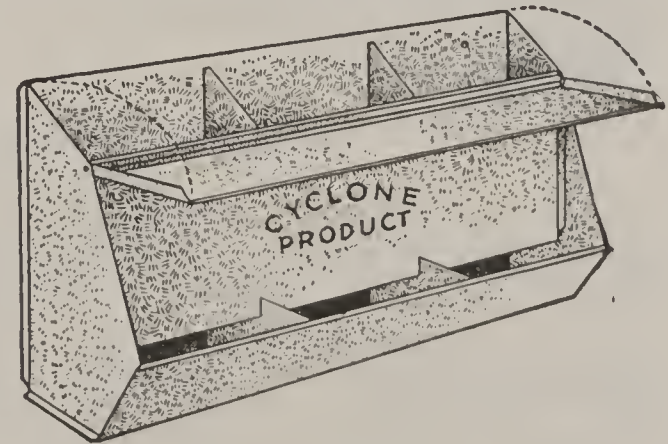
All Sides
Ventilated
Folding
Perches
Sloping
Perch
Proof
Top
All
Smooth
Edges
Open
Backs
for Easy
Cleaning
Extra
Heavy
Galva-
nized
Material
Lice
and Mite
Proof

NESTS WITHOUT TRAPS				
No.	Size	Packed	Ship. wt.	Each
106	6 Nests	1 to carton	28 lbs.	\$ 5.75
110	10 Nests	1 to carton	41 lbs.	8.50
115	15 Nests	1 to carton	60 lbs.	12.00
116	Traps only	5 to carton	5 lbs.	.30

For steel backs add to list 15c per hole

Grit Box and Wall Feeder

Poultrymen have recognized that the feeding of grit, charcoal and ground shells is very essential. The compartment box here illustrated is practical and inexpensive, making an economical method of supplying grit, etc.



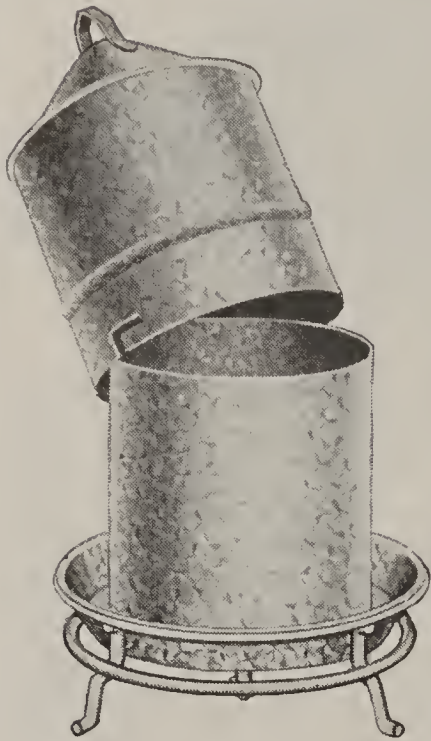
No.	Length	Packed	Ship. wt.	Each Prepaid
103	8 in.	6 to carton	24 lbs.	\$1.00
124	24 in.	2 to carton	19 lbs.	1.97

CYCLONE OFTEN PAYS FOR ITSELF IN A SEASON YET IT IS BUILT FOR A LIFETIME

Cyclone Poultry Supplies

MODERN FEEDERS AND FOUNTAINS FOR BABY AND GROWING CHICKS

Cyclone Chick Fountain



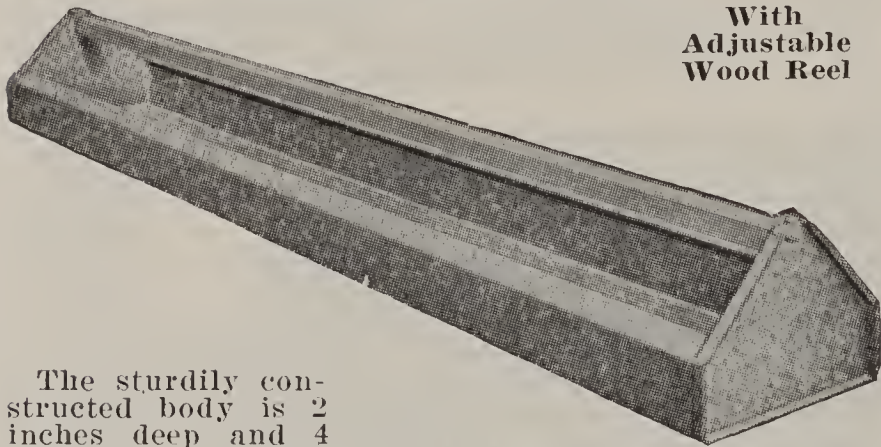
With or Without
Hi-Lo Stand

This fountain offers features for sanitation and convenience never before obtained. It is a superior fountain in design, performance and construction. The double interlocking cylinder principle does away with all spilling or slopping of water. The Hi-Lo Stand is adjustable for different size chicks.

Fountain Without Hi-Lo Stand				
No.	Cap. to gal.	Pkd. ctn.	Ship. wt. lbs.	Each Prepaid
301½	1½	6	23	\$1.10
302	2	6	29	1.40

Fountain With Hi-Lo Stand				
No.	Cap. to gal.	Pkd. ctn.	Ship. wt. lbs.	Each Prepaid
301½S	1½	6	27	1.30
302S	2	6	33	1.50

Han-dee Chick Feeder

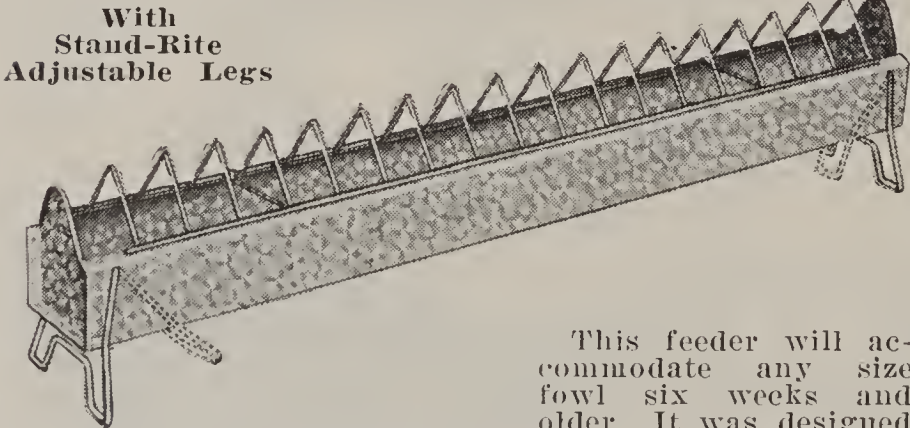


With
Adjustable
Wood Reel

The sturdily constructed body is 2 inches deep and 4 inches wide. The easy revolving wood reel is neatly made of "A" quality material.

No.	Length	Packed	Ship. wt.	Each Prepaid
25	24 in.	12 to carton	21 lbs.	\$.40
236	36 in.	12 to carton	30 lbs.	.52

Big Chick Grill Feeder



With
Stand-Rite
Adjustable Legs

This feeder will accommodate any size fowl six weeks and older. It was designed by large poultrymen who demand a capacity feeder that will take care of most any size chick. To prevent feed waste it is constructed with a 4-inch depth and a ¾-inch right angle formed feed lip.

A heavy wire grill forms a perfect feed guard. The Stand-Rite adjustable legs give perfect adjustment for different size fowls.

Made in two convenient sizes

No.	Length	Packed	Ship. wt.	Each Prepaid
136	36 in.	6 to carton	28 lbs.	\$1.15
148	48 in.	6 to carton	36 lbs.	1.50

All-Seasons Fountain



The Standard Fountain

A few Cyclone Features are: Smooth cone top absolutely perch proof; positive brass spring valve; inner carrying handle; Hi-Lo Stand, etc. The Hi-Lo Stand is a Stand-Bilt Feature. It permits the height of fountain to be adjusted for different size fowls. Sturdily constructed of heavy galvanized material.

Fountain Complete
With Hi-Lo Stand

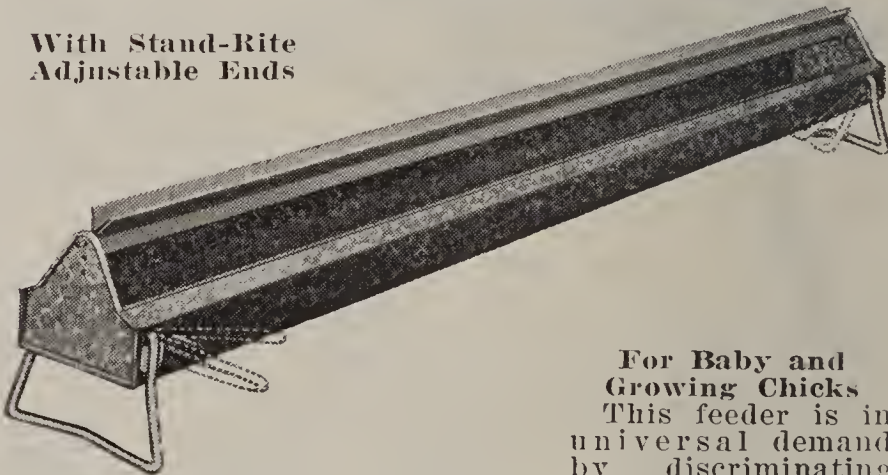
No.	Size gal.	Ship. wt. lbs.	Each Prepaid
303S	3	10	\$2.40
305S	5	12	2.90
308S	8	17	3.70

Deduct from list 25c for fountain without stand.

Packed 1 to carton.

Han-dee 4-fan Metal Reel Feeder

With Stand-Rite
Adjustable Ends



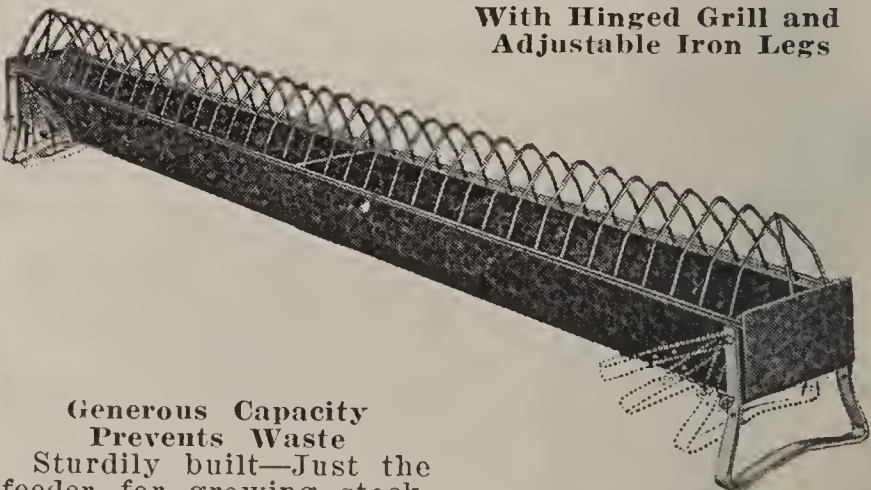
For Baby and
Growing Chicks
This feeder is in
universal demand
by discriminating

poultrymen. The legs and reel are easily adjustable to accommodate the varying sizes of growing chicks.

No.	Length	Packed	Ship. wt.	Each Prepaid
236R	36 in.	12 to carton	32 lbs.	\$.72
248R	48 in.	6 to carton	24 lbs.	1.00

DeLuxe Pullet Feeder

With Hinged Grill and
Adjustable Iron Legs



Generous Capacity
Prevents Waste

Sturdily built—Just the feeder for growing stock, hens, turkeys and ducks—Dimensions 4 in. high and 7 in. wide.

No.	Length	Packed	Ship. wt.	Each Prepaid
461	5 feet	2 to carton	22 lbs.	\$2.65
468	8 feet	2 to carton	42 lbs.	4.25
461R	5 feet	2 to carton	40 lbs.	4.50

With Weather-proof Top

"STAND-BILT" FEATURES DOUBLE USEFULNESS

Poultry Supplies

Banner Root Cutters



No. 7. Exclusively for Poultry. Cuts the feed in fine, brittle, ribbon-like strips. An iron grate in bottom of hopper lets dirt and gravel escape before reaching knives. A low-priced, high-grade, mechanically constructed machine to feed roots and vegetables to the flock. Two to five minutes will cut enough feed for a large flock of birds. Write for quotations.

No. 20. For Hand Use. Capacity, 30 to 50 bushels per hour. Weight, 120 lbs.

The Philadelphia Caponizing Set



Price, per set, \$3.05, prepaid.

Wilder Moisture Gauge for Incubators



Designed to meet the demand of the practical poultryman. A simple, direct reading gauge which keeps the amount of moisture in the incubator as near as possible the desired point. Price, \$1.30, prepaid.

Avenarius Carbolineum

Point 1—Prevents moisture, filth and dirt from working down into wood or concrete floors and makes cleaning floors easier. Point 2—Disinfects deep cracks and crevices where vermin and disease germs propagate. Point 3—Prevents gnawing of wood by rats or mice. Point 4—Kills and stops the propagation of chicken mites or fowl ticks in poultry houses for a whole year or purchase money refunded. Price: 1 gal., \$1.95, prepaid; 5 gals., \$7.25; 10 gals., \$13.00; 35 gals., \$38.50; 55 gals., \$57.75, not prepaid.

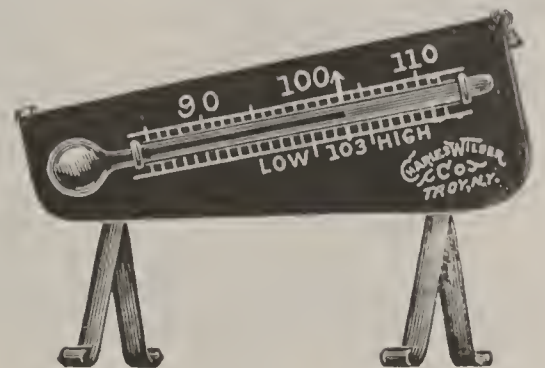
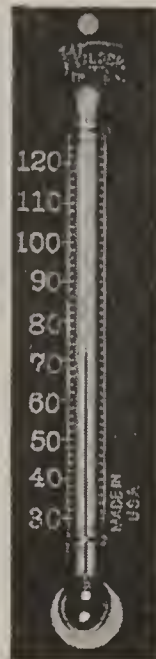
Reflecto Egg Candler



This candler is quick in action. It shows every defect in egg instantly. It is equipped with a reflector that adds to the illumination of entire egg making it quick and thorough in candling. Can be attached to any light socket.

No. 700. Complete Candler, including Cord, Socket and Bulb for 110 volt circuit. Each \$1.60, prepaid.

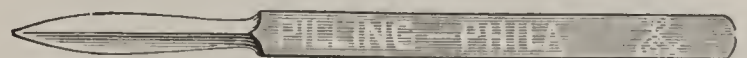
High Grade Tested Thermometers



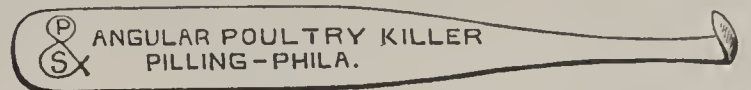
INCUBATOR THERMOMETER
Price 80c, prepaid.

BROODER THERMOMETER
Price 53c, prepaid.

Poultry Killing Knives



FRENCH POULTRY KILLING KNIFE



ANGULAR POULTRY KILLING KNIFE

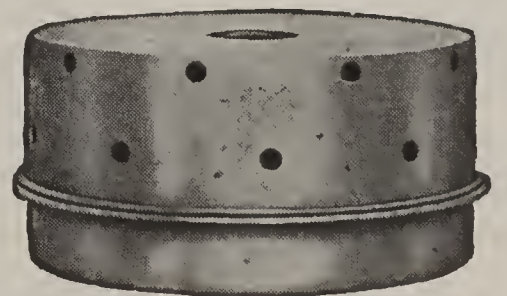
Angle blade, French straight blade, 65c, prepaid.



Russell. No. 323, 55c, prepaid.

Little Putnam Stove

This stove may be used with any style poultry fountain to warm water in cold weather. Made of galvanized iron, is nine inches in diameter and four inches high. The oil tank holds on enough to burn three weeks. Price, \$2.00, prepaid.



Cel-O-Glass

Cel-O-Glass is made in rolls, one yard wide and can be cut to any required size and installed with staples and a hammer. Construction on frames is advised for all installations. Price, postpaid, 15c per sq. ft. By express, 25, 50, 100-ft. rolls, 13 1/2c per sq. ft.

VIO-RAY Window Fabric

Much Cheaper Than Glass

Vio-Ray is a strong fabric treated by a patented process to make it transparent, weather-proof, and water-proof. It comes in rolls 36 inches wide and any length.

Let Violet Rays Through

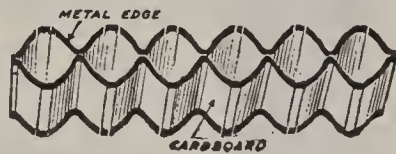
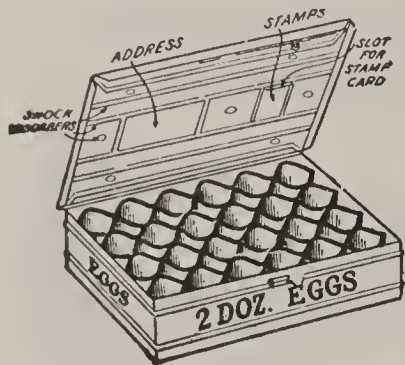
Vio-Ray readily transmits the life-giving vitalizing ultra-violet rays of the sun. (Glass stops them). These are the health rays of sunlight and are absolutely needed by poultry in winter months. Put up in 100-yard, 50-yard, and 25-yard rolls.

PRICES:

Full rolls20c per yd., prepaid
Less than full roll24c per yd., prepaid

Poultry Supplies

Sell Eggs by Mail



Metal-Edge Filler To Your City Friends Shipped in Aluminized Metal Egg Crates

The Metal-Edge Filler is a wonder. A new invention and cannot be beaten for service and safe carrying of eggs. Light in weight and very strong. Thousands of these economy crates in daily use.

Sizes	Weights	Postage	Price
	Empty	Empty	Filled
1 doz.	3 lbs.	11c	14c
2 doz.	3 lbs.	11c	14c
3 doz.	4 lbs.	12c	16c
4 doz.	5 lbs.	13c	19c
6 doz.	6 lbs.	14c	23c
9 doz.	8 lbs.	16c	30c
12 doz.	10 lbs.	18c	35c

Add postage to destination. Rates above apply within 150 miles. Write us about crate to ship butter and eggs.

Egg Pak—Ship Eggs Safely

Every egg held safely in patented "Surety Cushion" fillers. Stand on Eggpak, kick it around and you won't find even a broken shell. Saves several cents postage on every mailing and does away with breakage claims. Endorsed by Agricultural Colleges.

Sizes to Hold	Weight with Fillers	Price Each
		Prepaid
2 dozen eggs	2½ lbs.	\$1.91
4 dozen eggs	3½ lbs.	1.47
6 dozen eggs	4 lbs.	2.72
8 dozen eggs	5 lbs.	3.08
10 dozen eggs	5½ lbs.	3.44
12 dozen eggs	6½ lbs.	3.80
15 dozen eggs	8 lbs.	4.11

Leg Bands for Poultry and Pigeons

Double Clinch Leg Bands, made of aluminum, with large raised numbers. Packed in boxes of 100, numbering from 1 to 100. Price, 85c per hundred, prepaid. Special price for 1000.



Colored Spiral Celluloid Bands

Red, white, blue, amber, green, black, pink, ruby. Price, 75c per hundred, postpaid.



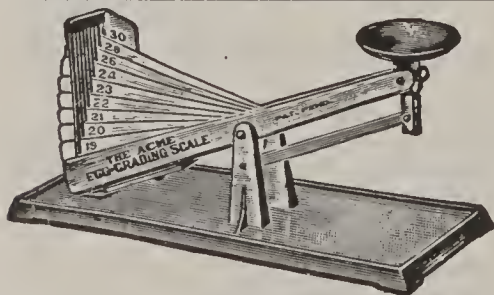
Leader Leg Bands

These are flat, colored aluminum bands with the figures in black on the colored ground, and are adjustable to any size fowl. Price, \$1.50 per hundred, postpaid.

Bandettes

The world's best leg band, most practical, simple, neat. Made in five colors, blue, red, yellow, green, and pink.

Bandettes are sold only in unbroken sets of 25 in one color; 1-25, 26-50, 51-75, 76-100, and so on. Price, 20c per doz., \$1.50 per 100, prepaid.



Acme Egg-Grading Scale

These scales will accurately grade all eggs ranging from 16 ozs. per dozen to 32 ozs. per dozen. Price, \$2.45, prepaid.

Perfect Chicken Punch

Chicks may be marked as soon as hatched without injury. Price, 22c, prepaid.



Perfection Egg Grader

Grades eggs as fast as you can handle them. Graded eggs bring you more money, and extra profit soon pays for the Grader. Write for special circular. Price, \$12.25, prepaid.



Water Glass

Saves Money and Helps Keep Down the High Cost of Living

Put your eggs down in the spring, when they are cheap, and keep them fresh for winter use. One gallon makes sufficient solution for 50 dozen. Do not trust eggs to water glass of inferior strength. 1 pt., 25c; 1 qt., 36c; 1 gal., \$1.00, prepaid.

Dried Skim Milk

Aids digestion, prevents coccidiosis, and increases the yield of eggs while reducing the cost in feed of producing the eggs.

Because of its quality it is the favorite with dairymen who breed and raise good calves.

Write for prices and circular giving direction for feeding. Put up in 100-lb. bags.

Peat Moss for Poultry and Gardens

Moisture and Dampness in Poultry Houses Are Extremely Dangerous

A poultry house, no matter how clean, disinfected and sanitary, is dangerous if damp. Moisture and damp houses are enemies of the poultryman. A dirty dry house is safer than a clean damp house. A clean dry poultry house is ideal. Peco Peat Moss is a powerful absorbent, as it readily takes up from ten to fifteen times its own weight in water. Excellent for breaking up clay soil and mulching the soil. Peat Moss is now being used by all leading horticulturists.



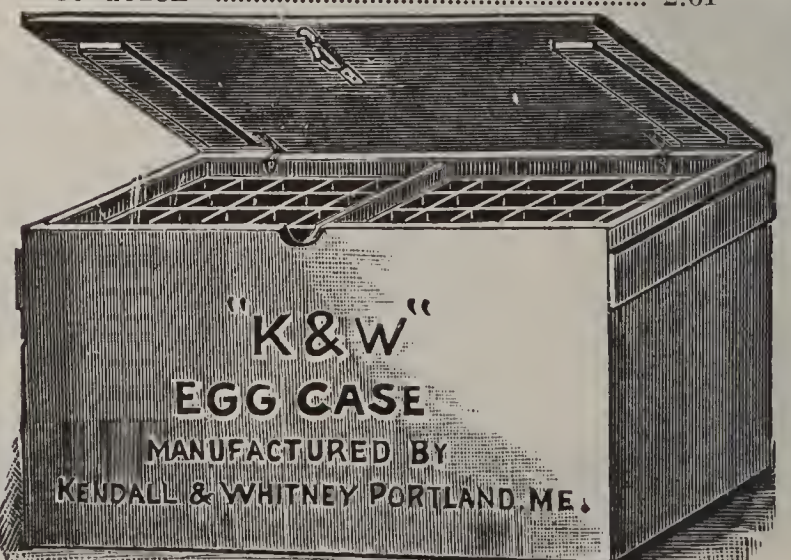
"K. & W." Egg Cases

The Most Popular Egg Case in the Market and Used Largely by Shippers of Eggs

These cases in the fifteen-dozen and thirty-dozen sizes are made deeper than the standard cases, so as to permit the use of the extra deep fillers with which they are fitted and the Mapes safety cushion flats. Four extra flats are included, which take the place of the excelsior cushions which are usually used.

PRICES COMPLETE

	Prepaid
8 dozen	\$1.25
15 dozen	2.05
30 dozen	2.61



Poultry Supplies



**Pratt's
Poultry
Remedies**



POULTRY REGULATOR. Tones up systems, regulates bowels, aids digestion, sharpens appetite, wards off disease and increases vitality. Use it the year around for breeders, layers, and growing stock. 4-lb. pkg., 60c; 12-lb. pkg., \$1.70; 25-lb. pail, \$3.10; 100-lb. drum, \$10.00, prepaid.

POWDERED LICE KILLER. Is powerful, economical, non-poisonous, and non-irritating. For use on poultry, in dustbaths, nests, on dogs, cats, horses, cattle, hogs, and sheep. In sifter top cans at 30c and 60c, postpaid.

CHICK TABLETS. Makes the drinking water safe, tones up the chicks and effectively treats most diarrhoea troubles. Price: Postpaid, 30c and 55c.

R-P TABLETS (Formerly Pratt's Roup Tablets). For adult fowls. Price: Postpaid, 30c and 55c.

DISINFECTANT. Cheap, powerful, non-poisonous disinfectant. Quart, weight 3 lbs., 63c; half gallon, weight 6 lbs., \$1.00; gallon, weight 11 lbs., \$1.65, prepaid.

PRATT'S SPLIT ACTION N-K TABLETS. For eradication of tape and round worms in poultry. Adults size, 50 tablets, 85c; 100 tablets, \$1.50; 500 tablets, \$5.50. Chick size, 50 tablets, 55c; 100 tablets, \$1.00, prepaid.

POULTRY INHALANT. A water soluble inhalant for colds. Prices: 1 pt., 70c; 1 qt., \$1.15; 1 gal., \$3.25 prepaid.

POULTRY WORM REMEDY. For round worms, gizzard and caecal worms and flukes or leaf worms. Price: Pkg., 65c, prepaid.



Carbola is a white paint and powerful disinfectant combined in powder form. Easily and quickly applied to building interiors with brush or spray pump. Disinfects and dries pure white. One pound covers 100 sq. ft.

	Prepaid
5 pounds (5 gals.)	\$.73
10 pounds (10 gals.)	1.18
25 pounds (25 gals.)	2.25
50 pounds (50 gals.)	4.00



**Farm Disinfectant
Dairy Sterilizer**

A powerful, clean, non-poisonous germ killer. B.K. cannot be sent by parcel post.

1-qt. bottle	\$.90
1-gal. jug	2.00
5-gal. jug	8.50
1 3/4-lb. bottle B.K. Powder, \$1.50, postpaid	1.60

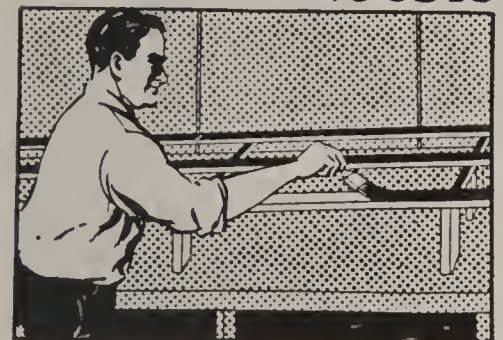
Pratt's

Animal Regulator

35c, 65c and \$1.20 pkgs.
25-lb. pails, \$3.10, prepaid.



'PAINT' THE ROOSTS



WITH "BLACK LEAF 40"

Delouse entire flock. When chickens perch upon roosts that have been painted with Black Leaf 40, fumes are slowly released and penetrate the feathers, killing the body lice; no interference with egg production nor any discomfort to the birds.

PRICES

Prepaid

10-lb. tin (treats 1900 to 2400 running feet of roost)	\$10.80
5-lb. tin (treats 950 to 1200 running feet of roost) ..	6.00
2-lb. tin (treats 385 to 480 running feet of roost)	3.35
1-lb. tin (treats 180 to 240 running feet of roost)	2.35
5-oz. bottle (treats 60 to 75 running feet of roost) ..	1.08
1-oz. bottle (treats 12 to 15 running feet of roost) ..	.35

Graylawn Farm Louse-Chase

Kills the lice on your cattle, swine, poultry, horses and sheep. Satisfaction guaranteed or money back. Used and recommended by state colleges and thousands of breeders. Price: \$1.00 large pkg., 65c medium pkg., and 40c small pkg., prepaid.

Lee's Lice Killer

A liquid preparation having all the killing properties of any powder or dip. Gal., \$1.60, prepaid.

Pratt's Red Mite Special

Pratt's Red Mite Special is a powerful preparation put up specially to rid flocks of red mites, ticks, blue bugs, fleas and like blood sucking vermin. It should be sprayed or painted on the roosts, dropping boards, nest boxes, and in all cracks. One application is effective for months. 70c a quart; \$1.15 a 1/2 gallon; \$1.80 a gallon, prepaid.

Raise HEALTHY BIRDS

USE TOXITE

Wonderful Disease Control Spray

Save your birds and make more money. Kill coccidiosis, worms, lice, bronchitis, ticks, mites, and other profit-destroying diseases. Get this proven control. Used by poultrymen everywhere. Results guaranteed. Easy to use. Safe. Inexpensive. Be sure to spray your brooding house before you get your chicks.

Prices: 1 gal., \$1.70; 5 gals., \$7.00, prepaid.

30 gals., \$33.00, not prepaid.

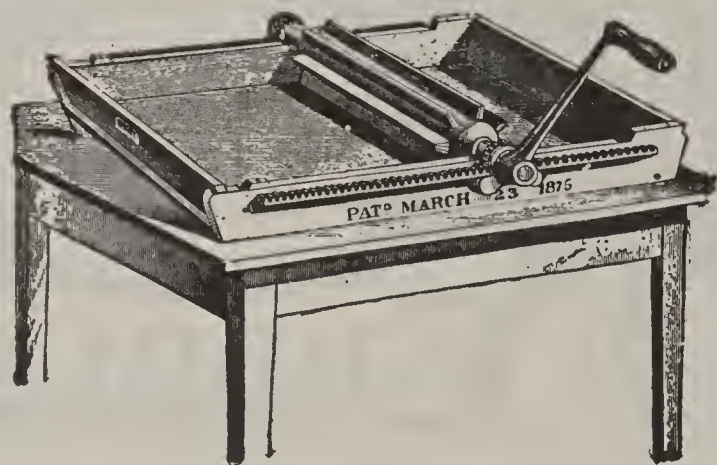
**Sulphur
Fumigating
Candle**

Made from pure, high grade sulphur, a circular wick, which, when lighted stays lighted. Is especially useful to poultrymen in ridding poultry houses of insect pests, as the vapor from it penetrates crevices not reached by other means. In circular tin box. Price, 18c, Prepaid.



Dairy Farm Equipment and Supplies

Reid's Patent Butter Worker



Three pounds can be worked in any of the above machines, as well as a large quantity. In buying a worker you should choose a size that will work the largest quantity that you will be likely to want to work at a time.

No.	Size	Depth Inside	Capacity	Price
1.	23x36 in.	2½ in.	50 lbs.	\$26.88
2.	20x36 in.	2½ in.	30 lbs.	25.00
3.	17x27 in.	2½ in.	20 lbs.	22.50
4.	14x23 in.	2½ in.	10 lbs.	20.00

The New McCormick-Deering Ball Bearing Cream Separator



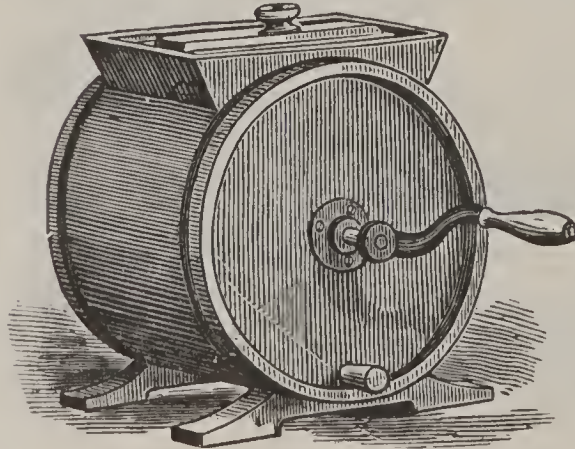
The New McCormick-Deering Ball Bearing Cream Separator demonstrated either at the store or your farm. Of course, no obligation.

An easy turning machine, with new bowl design, in six sizes, hand operated, and electric. Modernized farm equipment is one way to lighten the burden and minimize your labor costs.

The Blanchard Churn

The action of the dasher is such as to cause agitation of the cream by creating currents, and not by beating or by friction of the cream, which may injure the grain of the butter.

No.	For up to about	Price
4.	4 gals. of cream	\$ 9.25
5.	8 gals. of cream	10.50
7.	16 gals. of cream	15.50



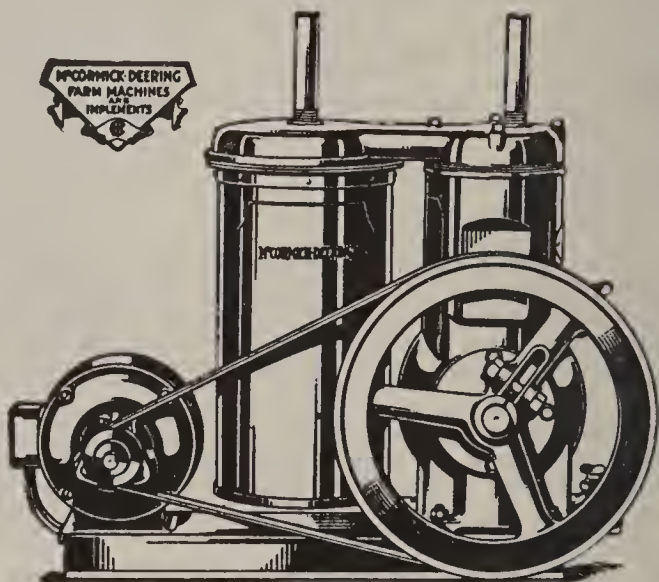
Cylinder Churn

A favorite style of churn which has been in use for many years.

No. 1.	2-gal. capacity	\$4.20
No. 2.	4-gal. capacity	5.00
No. 3.	6-gal. capacity	6.05
No. 4.	8-gal. capacity	6.80

Prepaid

A Good Herd Deserves a McCormick-Deering Milker



The single-cylinder vacuum pump and the vacuum tank on the McCormick-Deering Milker, with electric motor drive. A double-cylinder vacuum pump can be obtained for use on large herds.

Outstanding in design and operation, simple to operate and clean. We want you to see this milker and the many features that appeal to every dairyman.

"The Most Sanitary Milker and the Easiest to Wash"



John Anusesky, of Stillwater, N. Y., says this about his McCormick-Deering Milker:

"I had four standard makes of milkers before I bought my McCormick-Deering, and I can truthfully say I never have seen a milker that would do as good a job of milking as it does, and it is the most sanitary and the easiest to wash. My bacteria test has been lower than ever before. I can recommend it as the best milker on the market today."

The Belle Barrel Churn

Single and double pulleys and pulley shafts can be furnished if desired to run by power.

No.	Capacity	Price
0.	6 gals., churns 1 to 3 gals. cream	\$ 7.50
1.	10 gals., churns 1 to 5 gals. cream	8.25
2.	15 gals., churns 1 to 7 gals. cream	9.25
3.	20 gals., churns 2 to 9 gals. cream	11.00
4.	25 gals., churns 2 to 12 gals. cream	12.75
5.	35 gals., churns 3 to 16 gals. cream	15.00
6.	60 gals., churns 6 to 22 gals. cream, with frame	31.25
6.	60 gals., churns 6 to 22 gals. cream, no frame	26.25

One Pound Folding Paraffined Paper Butter Boxes

ODORLESS AND TASTELESS
Price, \$14.30 per 1,000. \$1.64 per 100, prepaid.

Dairy Farm Equipment and Supplies

The Pilling Milk Fever Outfit

For Sterilized Air Treatment

Has cured 97% of all cases treated. Recommended by the Bureau of Animal Industry of the U. S. Department of Agriculture. The outfit consists of the instrument, a roll of tape, a package of carbolized cotton and full directions. Price, \$3.08, prepaid.



Pilling Lead Probe

With full directions. For the treatment of obstructed teats, also for enlarging the opening. Price, 32c, prepaid.

No. 500 Bull Snap

Designed to put on a pole to make a bull staff. Price, 95c, prepaid.

Pilling Hard Rubber Teat Plug

Price, 67c, prepaid.

Milking Tubes

Price, 27c, prepaid.



Medicated Wax Teat Dilators

For obstructions, sores on end of teat, hard milkers. Price per package of 18, 25c, prepaid.

Kow Kare

Prevents and cures abortion and barrenness. Increases the flow of milk. It is for cows only. 75c and \$1.37, prepaid.



BAG BALM. Cures caked bags and sore teats. Should be in every stable. 68c, prepaid.

CALF CORDIAL. Sure cure for scours and similar complaints. 60c, prepaid.

Grange Garget Remedy

Positively cures garget without in any way injuring the cow. Price, by mail, 75c, prepaid.

Cow's Relief

A standard remedy among dairymen. A sure relief for caked udder, and will keep bag and teats free from soreness. Price, 55c, \$1.08, prepaid.



Rice's Weaner

For preventing calves and cows sucking themselves or each other.

PRICE

No. 1, for calves, 48c. No. 2, for heifers, 73c. No. 3, for cows, 95c, prepaid.

Small's Calf Feeder

This is a device by which the calf may be fed away from its dam, and with any mixture of milk (or whatever else is healthful and desirable) with convenience and in the natural way, with that admixture of saliva which does not occur when calves drink from a pail. Price, \$5.15, prepaid; extra nipples, 50c each.

Cow Bells

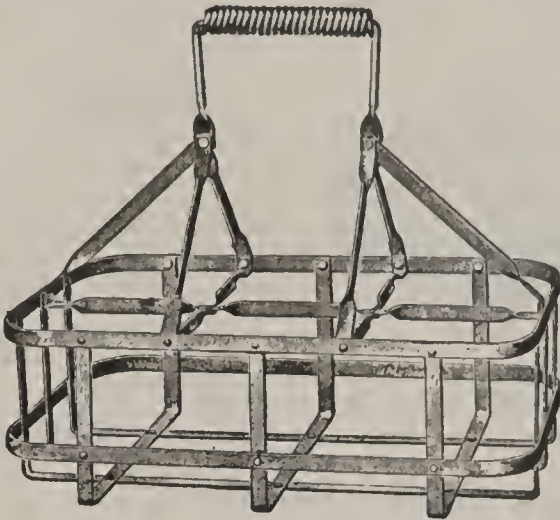
No. 1, 80c. No. 2, 65c. No. 3, 60c. No. 4, 55c, prepaid.

Ox Balls

Made of brass in three sizes. Price, 12c to 17c each, prepaid.

Bull Rings

2½-inch copper, 28c. 3-inch copper, 33c, prepaid.



Milk Bottle Carriers

Prepaid

6-quarts, round wire ..\$1.45
8-quarts, round wire .. 1.75
6-quarts, flat wire 1.45
8-quarts, flat wire 1.60

Steel Bottle Carriers

Prices: 1 qt., \$2.20; 1 pt., \$2.40; ½ pt., \$2.40, prepaid.

Wood Bottle Carriers

Prices: 1 qt., \$2.15; 1 pt., \$2.15; ½ pt., \$2.10, prepaid.

Brushes

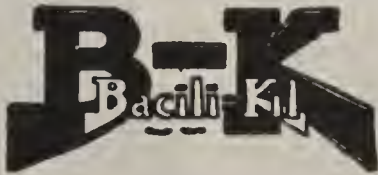
No. 86



No. 86 Bottle Brush, 78c, prepaid.
No. 61 Bottle Brush, 40c, prepaid.

Prepaid

Separator Bowl	\$.57
Separator Tube .....	.23
Separator Cover Spouts .....	.23
Can Cover Brush No. 197 .....	.52
Can Brush, No. 25 .....	.57
Test Bottle .....	.13
Milk Can	1.10



Farm Disinfectant Dairy Sterilizer

Sterilizes Milking Machines, Pails, Cans, Strainers, Cloths

Prevention and treatment of Calf scours, retained afterbirth, abortion. Ask for bulletins on these subjects.
1 gallon jug\$2.00
5 gallon jug 8.50
Successful for nearly fifteen years.

Wyandotte Sterilizer

For Milk Plants, Creameries, Farm Dairies, Ice Cream Plants, Cheese Factories

It will maintain a uniform chlorine strength. In dry form Wyandotte Sterilizer does not lose its chlorine, like ordinary sodium hypochlorite product.

Contains 4% available chlorine which is about double the strength of the commercial chlorine products.

5-lb. cans, \$1.90, prepaid; 10-lb., cans, \$3.45, prepaid; 25-lb. drums, \$6.65, prepaid.

Wyandotte Dairymen's Cleanser and Cleaner

Tie Out Chains

20 ft., 75c. 30 ft., 95c, prepaid.

Cow Ties

3 ft., 55c. 3½ ft., 60c. 4 ft., 70c. 4½ ft. bull, 87c, prepaid.

Pioneer Brand Parchment Butter Paper

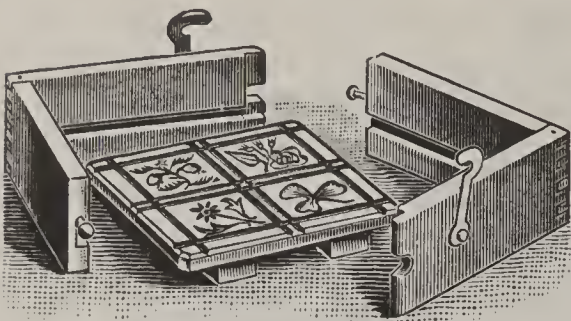
Guaranteed to Contain no Oil, Grease, Paraffine or Wax

Printed paper. Printed to comply with the law requiring the weight of the butter to be marked on the container. Sold in packages only. Price per package, 7x9 (½ pound size) 5 pounds, \$1.75; 9x12 (1 pound size) 7 pounds, \$2.60, prepaid.

Price, plain paper, 38c per pound, prepaid.

Write for quotations for large quantities and for printing special designs.

Farm and Dairy Equipment



Blanchard Butter Mould

½ lb., two ¼ lb. prints, 83c. 1 lb., four ¼ lb. prints, 95c. 2 lbs., eight ¼ lb. prints, \$1.45, prepaid.

If engraved initials, or any hand carving, add to the regular price 25 cents for each cake so engraved.

Babcock Milk Testers

4 Bottle, 8 Bottle, 10 Bottle, 12 Bottle.

Acid for Babcock Tests

This acid is put up expressly for making Babcock tests, in 1 quart bottles, 1 gallon bottles or in carboys.

Glassware for Babcock Test

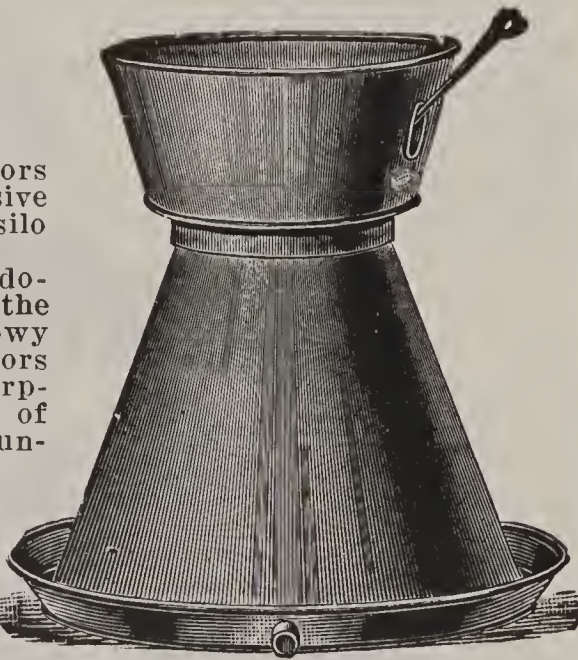
Test bottles, 10% to 50%. Pipettes, Acid Measures, Floating Dairy Thermometers.

Champion Milk Cooler and Aerator

Removes all flavors arising from excessive cabbage, turnip or silo rations.

A complete deodorizer, removing the animal heat or cowl taste and all odors arising from absorption by the milk of stable or other unpleasant gases.

A thorough cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.



	Capacity of Milk Receiver	Size of Dairy	Takes Care of	Price
2.	18 quarts	10 to 25 cows	3 milkers	\$ 8.00
3.	34 quarts	25 to 50 cows	5 milkers	9.60
4.	52 quarts	50 to 100 cows	8 milkers	12.00

Improved Circular Spring Balance Milk Scales

Used by Most Dairymen

Graduated on dial to 1/10 pound.

No. 270. Weighing up to 60 pounds, \$6.60, prepaid.

No. 260. Weighing up to 30 pounds, \$6.10, prepaid.

Fairbanks Platform Scales

Capacity 500 lbs., by ½ lbs. Platform, 16 by 25 inches.

For weighing cans of milk, hay, grain, etc. Mounted on wheels, easily moved from place to place, fitted with brass arrow, double beam, both beams being graduated alike.

Hansen's Danish Rennet Tablets

Always of the same strength, entirely preservable, separates the cheese matter completely, and gives the greatest quantity possible.

Price, package of 25 tablets, 78c, prepaid.

Dairy Pails

	Prepaid
12 quart	\$.65
12 quart, Seamless	2.30
12 quart, Hooded	2.15
12 quart, Strainer	2.15



New York Shipping Can, 20 and 40 Quarts

Public demonstrations in leading dairy centers, under supervision of Certified Public Accountants, city and state milk officials and dairy research engineers bear out the speed and accuracy tests of Rapid-Flo. Reduces bacteria contamination.

Prices in carton of 300 disks

	6 in. Prepaid	6½ in. Prepaid
Plain finish	\$.95	\$1.20
One side gauge	1.55	1.80

Milk Cans

Wood and Paper Stopper Prepaid

8 quart, Light	\$2.00
10 quart, Light	2.32
8 quart, Heavy	2.35
10 quart, Heavy	2.50

Shipping Cans

	Prepaid
20 quart	\$5.00
40 quart	7.35

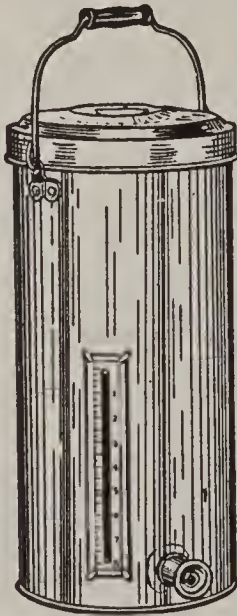
Cream Storage Can

Like K. & W. can, no faucet or glass, \$1.40, prepaid.

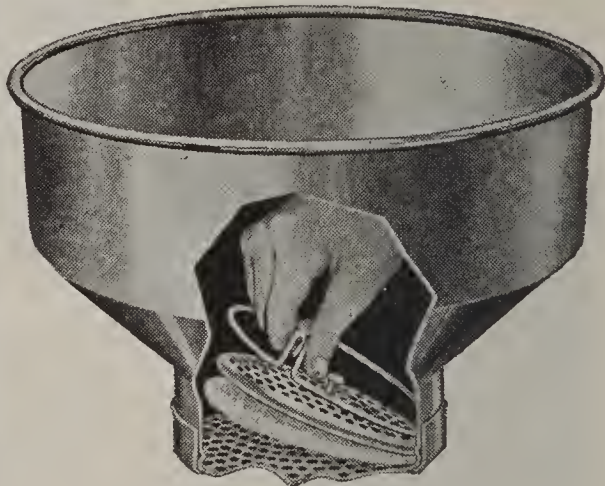
Rapid-Flo Filter Disks

Rapid-Flo Filter Disks will filter milk in an average of one-half the time required by ordinary disks.

MILK STRAINERS Flo-Fast Seamless Strainers



K. & W. Can \$2.40, Prepaid



No. 12. Top diameter 12½ inches, neck 5½ inches. Uses 6 inch J. & J. Rapid cotton disc. Equipped with one perforated tinned disc and a spring wire clip. Capacity 12 quarts, \$1.65 each, prepaid.

Thatcher Milk Bottles

Plain and Pyroglaze

Milk Bottle Caps

Flat and Lift Right Caps Stock Print or Special Print

Wells & Richardson Co.'s Dandelion Brand Butter Color

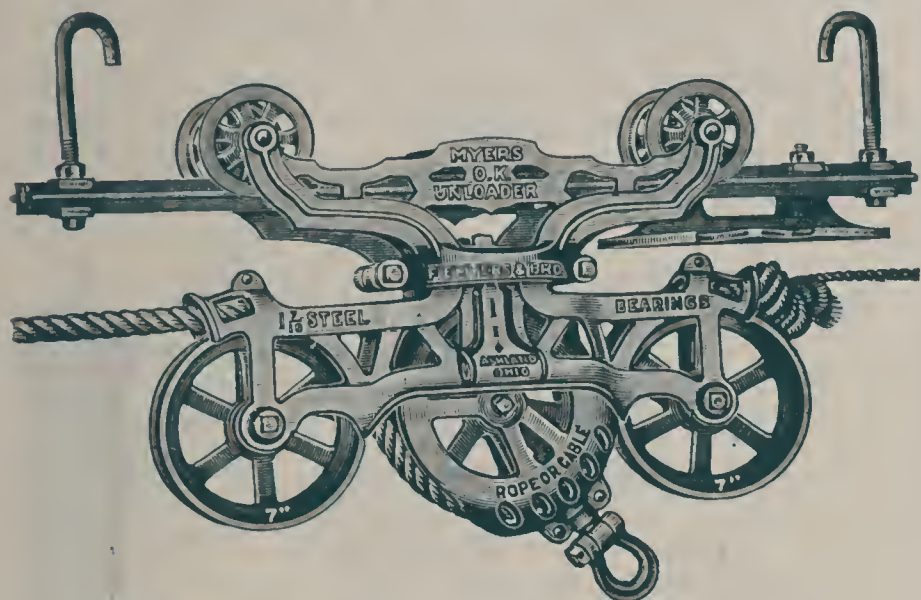
Purely Vegetable

Will not become rancid. Will not color the buttermilk. Gives a bright June color. Always gives satisfaction.

	Prepaid
Small size, to color about 375 pounds	\$.42
Medium size, to color about 750 pounds	.72
Large size, to color about 1875 pounds	1.10
Cans, 1 gallon	4.75

Barn Equipment

STEEL TRACK CARRIERS WITH STEEL BEARINGS



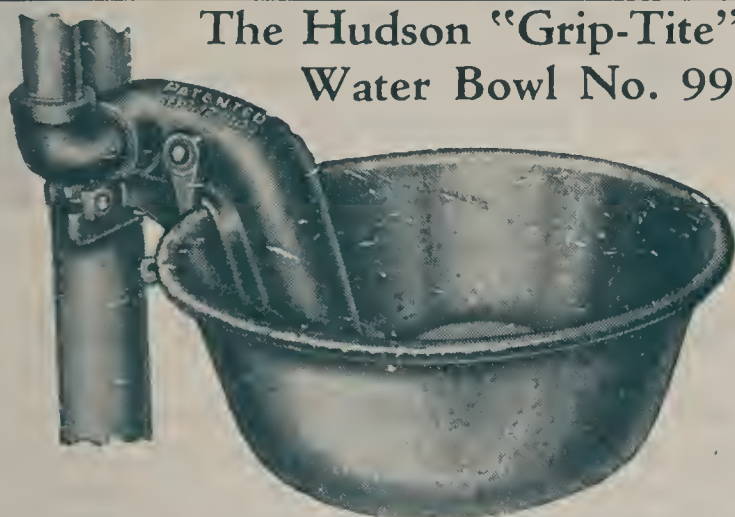
No barn is complete without one of these reversible steel track hay carriers.

These Carriers for rod, wood or steel track are the most durable and easiest rigs to operate of any on the market. Anyone with a hammer and wrench can rig his barn as well as an expert carpenter. We furnish everything necessary for rigging any style of barn. If you will send us the length and height of your barn and the style of ridge pole, we will name your price for complete job.

Price

Double steel track, per ft.	
Hanger hook, each	
Pulley hook, each	
Hay unloader, each	
Knot passing pulley, each	
Two-tine harpoon fork, 25-inch. each	
Two-tine harpoon fork, 31-inch. each	
Four-tine grapple fork	
Six-tine grapple fork	
Rafter bracket, each	
Jointed hanger hooks, each	

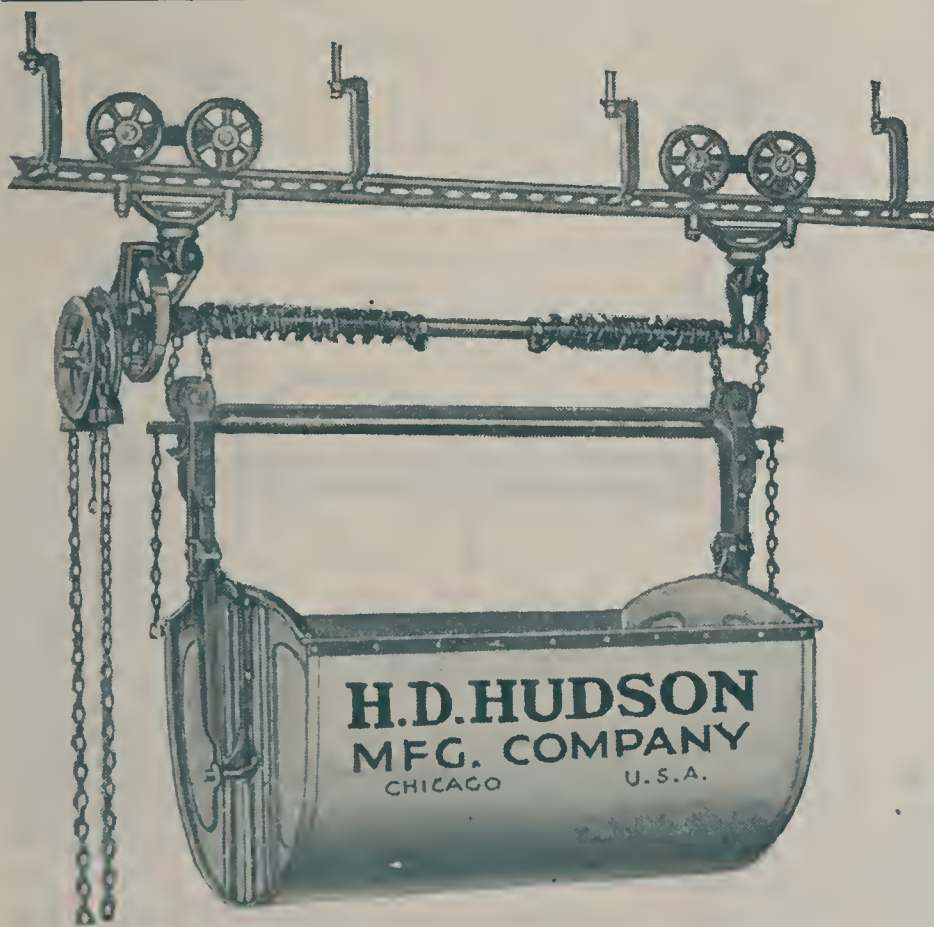
The Hudson "Grip-Tite"
Water Bowl No. 99



The new Hudson "Grip-Tite" Water Bowl is entirely original in design, and one that appeals to dairymen as being 100% right. It is the development of years of experience in making Water Bowls. Meets all requirements. Weight, 10½ lbs. each. Shipped 12 in a box; weight 130 lbs.

Stanchion Basin

Can be emptied and cleaned in 3 min., without fouling supply pipe; is easily kept antiseptic, and can be quickly connected, being screwed on the upright pipe inside of basin.



Hudson Chain Hoist Litter Carrier

Takes out several wheelbarrow loads of manure at a single trip—takes it clean without spilling or dripping—carries it clear away from the door—dumps the entire load into manure-pit or manure-spreader. Operated by a chain hoist, assuring easy control and cleanliness.

Hudson Stanchion No. 181-W

Steel Adjustable

A very popular design, preferred by dairymen. Easily adjusted, easy to install. The latch is simple, strong and trouble-proof.

Robertson's Patent Chain-Hanging Stanchion

Practical, safe and durable, and affords comfort to the animal. Made with adjustable neck space.

Special Stall No. 500

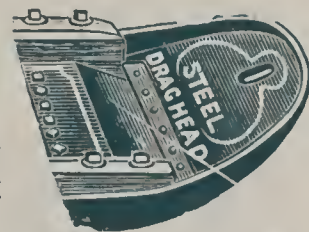
With No. 181-W Stanchion

The No. 500 Stall is shipped knocked down and without the Hudson Angle Anchor System. Rust resisting steel tubing and malleable fittings.

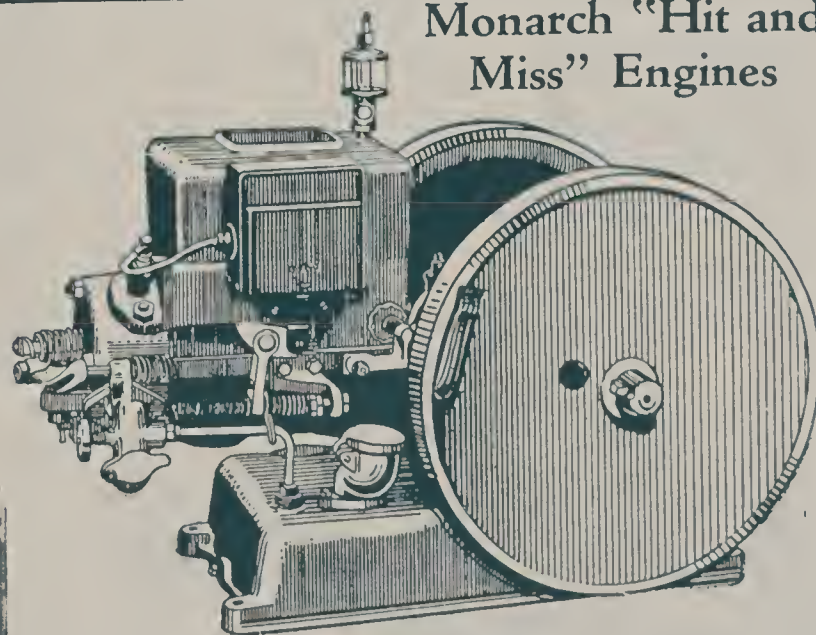


Steel or Iron Boat Heads

A simple, complete and inexpensive device whereby a stone boat can be made in a few minutes by using straight plank. Will last a life time.



Monarch "Hit and Miss" Engines

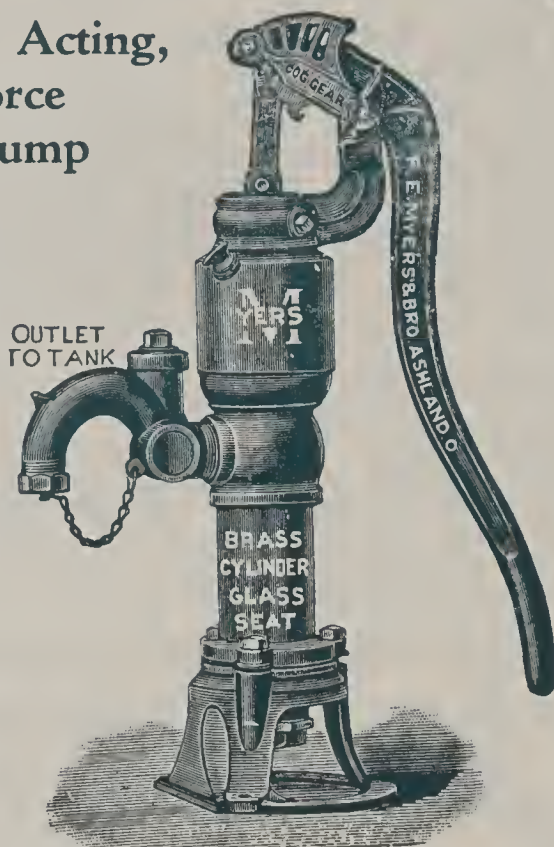


Monarch "Hit and Miss" Engines burn gasoline only. The "hit and miss" governor is recognized by engine authorities as the best for small engines, particularly the 1¾ horse power. This governor automatically regulates the fuel supply so that only enough gasoline can be drawn into the cylinder to keep the engine up to normal speed.

Double and Single Action Pumps

Myers Double Acting, House Force and Lift Pump

Fig. R251. This pump is double acting, has heavy seamless brass upper and lower cylinders, with patented glass valve seat, fibre rubber check valve and expansion plunger bucket. A powerful pump for forcing water to an elevation or into a tank. Tapped for 1½ in. pipe.



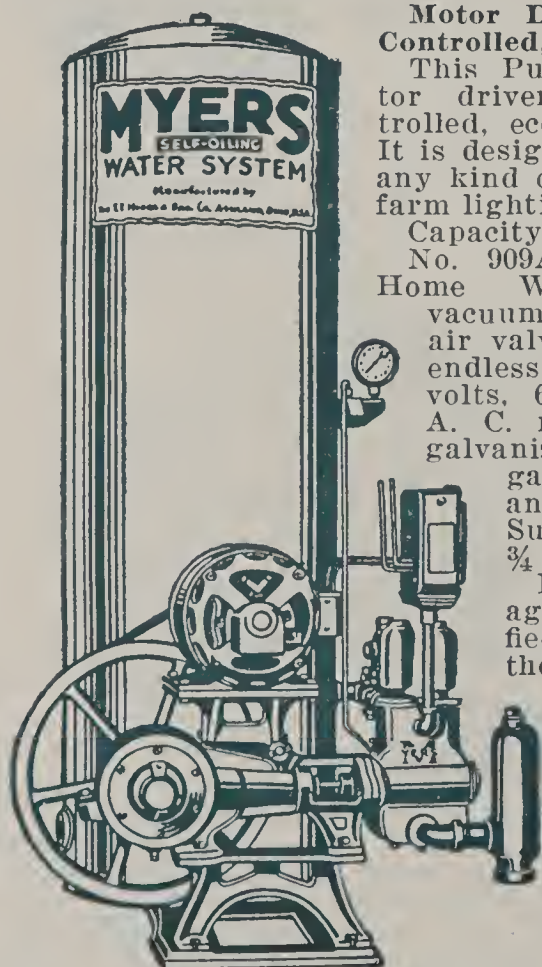
Myers Cog Gear House Lift Pump

Myers Long Stroke Cog Gear Pitcher Pump

Myers Long Stroke Cog Gear Brass Cylinder Pitcher Pump

Myers Cog Gear Double and Single Acting Force and Lift Pumps— Anti-Freezing

The Myers Self-Oiling Electric Pump and Home Water System



Motor Driven, Automatically Controlled, Economical, Efficient
This Pump is self-oiling, motor driven, automatically controlled, economical, and efficient. It is designed for operation from any kind of city current or from farm lighting and power systems. Capacity 340 gallons per hour. No. 909AT. Myers Self-Oiling Home Water System, with vacuum chamber, relief valve, air valve, pressure controller, endless belt and ¼ H. P., 110 volts, 60 cycle, single phase A. C. motor, with 42 gallon galvanized tank, base, water gauge, pressure gauge and connecting fittings. Suction 1 inch, discharge ¾ inch.

If frequency and voltage are other than specified above on motors, there will be an extra charge. Specify current used. If A. C. give phase, frequency and voltage. If D. C., give voltage.

The Myers Lift Adjustable

Fig. R1052. Lift pipe, anti-freezing. Has adjustable base and reversible spout; 3-in. brass lined cylinder with glass valve seat, tapped for 1½-in. pipe. Capacity, 440 gallons per hour.

Brass Lined Cylinders

Illustration shows the cylinder. It is made with quick closing cushion poppet valves. All plungers have brass cage, valve and seat.

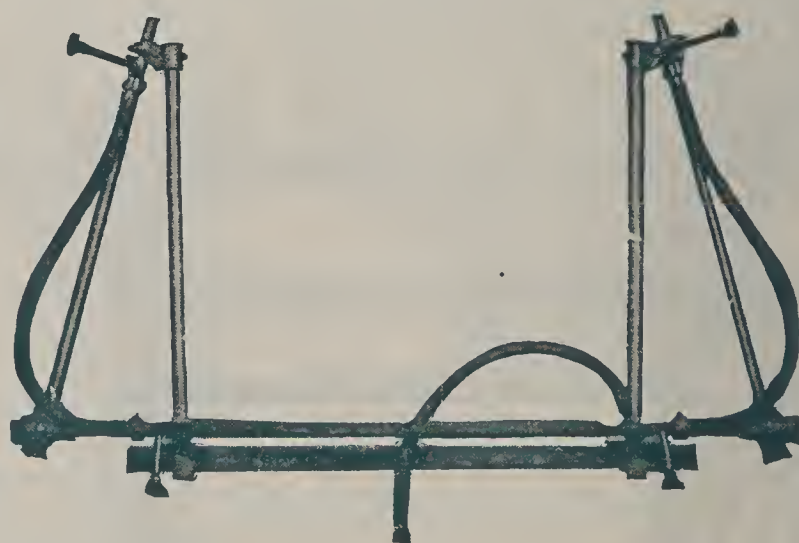


Brass Jacket Drive Well Point

No. 661. This well point is made of galvanized iron pipe with elliptical holes punched of uniform size and equal distance apart. It contains the greatest number of holes possible to punch in a pipe and retain sufficient strength for driving.

Deming Open Top Pitcher Spout Pump

No. 125. Adjustable Lever and Cut-Off Base for a Vertical Suction Lift of 25 ft.

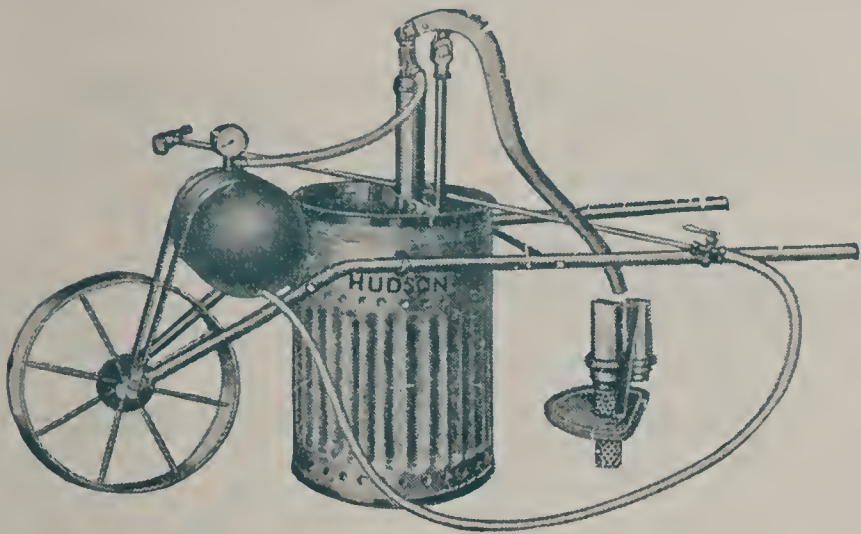


Spray Boom Four-Row

This boom is adjustable both horizontally and perpendicularly. By moving the spray boom proper on the uprights, you can raise or lower the nozzles as required. Then by moving the clips on the horizontal bar the nozzles can be placed to spray rows of a number of different widths. This boom is made so that the ends can be swung up, as shown in the cut, so that sprayer can be drawn on the road or through a gate without danger of the boom being broken off by any obstruction.

SPRAYERS For Applying Insecticides, Fungicides, Cold Water Paint, Whitewash

Hudson Ideal Sprayer



Smith Wheelbarrow Sprayers With or Without High Pressure Tank

Oliver Sprayer

For the potato grower who has a small acreage, the Oliver 50-gallon sprayer offers efficient, thorough spraying at small cost. It is also well adapted for spraying celery, beans and similar crops which do not require a high pressure. Boom equipment: 4-row, 2-nozzle per row.

Myers Self-Oiling Junior Spray Outfit

Fitted complete with 2 H. P. engine and self-oiling pump. Equipped with one spray gun, 50 feet of $\frac{1}{2}$ -inch high pressure hose, single cut-off for discharge lines, pressure gauge, rotary agitator, pressure regulating valve, strainer and suction hose.

No. 739. Myers Self-Oiling Junior Spray Outfit, with 100-gal. cypress tank equipped as above.

Myers Cog Gear Spray Pump—Double Acting—No. R316B

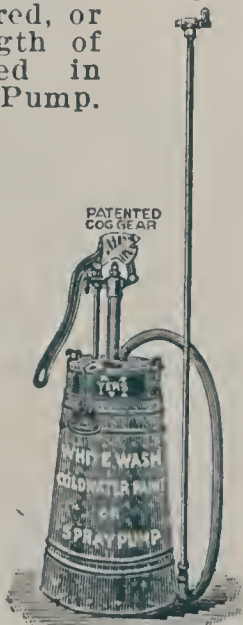
No. R316B. Pump complete, 50 gallon barrel mounted as shown, with pressure gauge, one 15-ft. lead of $\frac{3}{8}$ -inch 7-ply discharge hose, one Fembro Fig. 1290 nozzle, one 8-ft. pipe extension with lever shut-off and mechanical agitator.



Myers O. K. Cog-Gear Spray Pump

No. R308B for hot, cold, or any kind of mixture. Sold as a plain pump, if desired, or with one length of hose, mounted in barrel. Plain Pump.

No. R329 Whitewash Cold Water Paint and General Purpose Sprayer



No. R324. Myers cog-gear brass spray pump like No. R308B without barrel.



DIAMOND
CONTINUOUS SPRAYER

Diamond Continuous Sprayer

The DIAMOND SPRAYER throws a continuous, large mist-like spray for use in the house or garden. Sprays all insecticides or any material in liquid form. Price, 70c, prepaid.

Big Boy Sprayer

Glass jar, extra large pump, two tubes, for large, misty blast. Price, 80c, prepaid.

No. 4 Cub Sprayer (3 oz.)

A splendid little sprayer for plants, flies, etc. Price, 30c, prepaid.

Smith Justrite

The size of the JUST-RITE makes it very useful for spraying the garden, flower beds, shrubbery, and for spraying disinfectants and whitewash in poultry houses, stables and cellars.

Tank is double seamed and well riveted to stand heavy pressure. All of the parts of JUST-RITE Sprayer are interchangeable with the Banner Sprayer. Price \$4.00, prepaid.

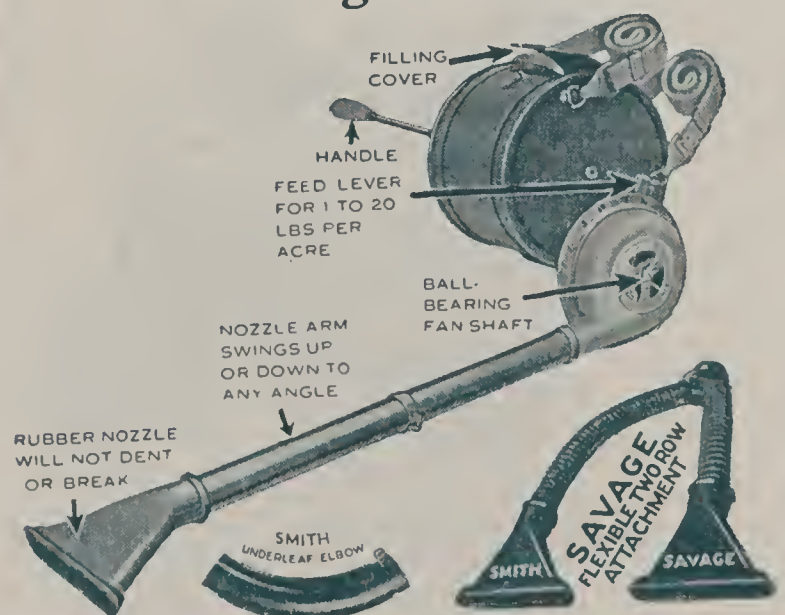


Feeny Model B Duster

This will dust any kind of dry powder and will distribute the powder in any quantity one may wish. The duster is very light, compact and thoroughly made. Price, 85c, prepaid.



Savage Duster



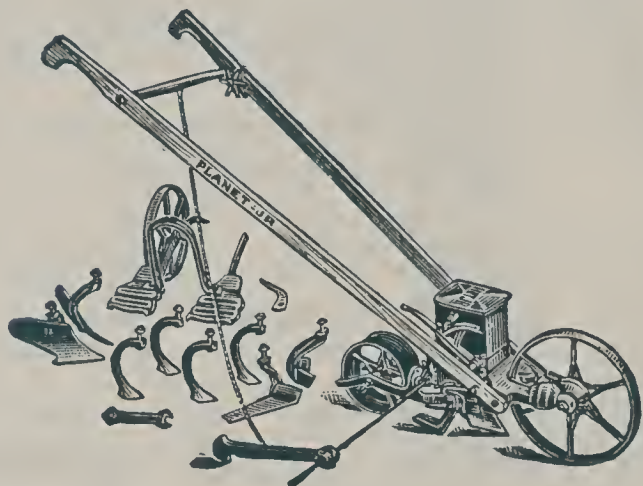
Handles all insecticides in powdered form. High grade and well built. Adapted for dusting trees, and the many kinds of infections to which field and garden are subjected.

Built of the finest material and workmanship, which insures long and hard service.

Planet Jr. Farm and Garden Tools

Enable you to cultivate a large garden with less effort. These wheel garden tools do the work of three to six men, make your garden yield more abundantly, and save several times the cost in a single season. Every tool is fully guaranteed.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe Cultivator and Plow



This tool sows all garden seeds from the smallest up to peas and beans in hills, 4, 6, 8, 12, and 24 inches apart, or in drills. By removing the seeder parts and substituting the tool frame, you have a first class single wheel hoe. Can be used successfully by men, women or growing boys.

No. 25. Like No. 4 except it can be used either as a single or double wheel hoe.

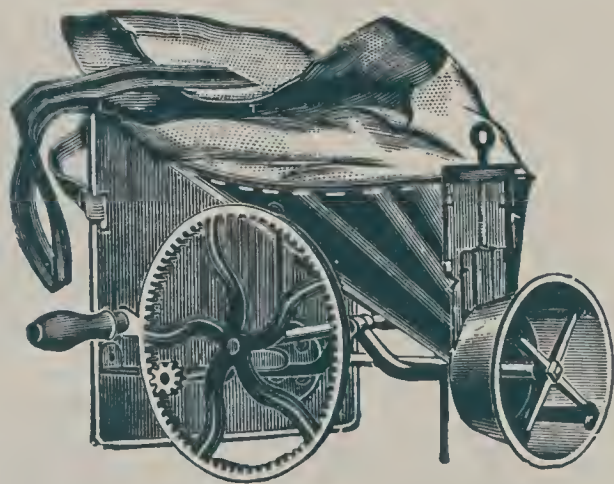
No. 11. Double or single wheel hoe. Has hoes, rakes, cultivator teeth and plows.

No. 12 Planet Jr. Double Wheel Hoe, Cultivator and Plow

Identical with No. 11, except that it has 1 pair plows, 1 pair hoes, 4 cultivator teeth and a pair of leaf lifters.

SEED SOWERS

The Cahoon Broadcast Seed Sower



For Sowing Rye, Wheat, Oats, Barley, Buckwheat, Grass Seed, Etc.

This hand machine sows from four to eight acres per hour, at a common walking gait. \$4.50, prepaid.

Wheelbarrow Grass Seeder and Sower

No. 3 Hill and Drill Seeder Only

Mechanical features similar to Nos. 4, and 25. Large 15 inch steel wheel and roller wheel make it particularly valuable to large growers. Capacity 3 quarts.

No. 16 Single Wheel Hoe

The highest type of single wheel hoe made. Light, but strong and can be used by man, woman or boy. Will do all the cultivating in your garden in the easiest, quickest and best way.

No. 5 Planet Jr. Hill and Drill Seeder

16½ inch steel driving wheel. Holds 5 quarts. No. 5 is undoubtedly the best seeder we make for market gardeners. The style of construction is the same as in No. 3, the valuable mechanical features being common to both.

No. 45 Combined Seeder and Fertilizer Drill

No. 13 Double and Single Wheel Hoe

Has one pair of 6 inch hoes.

No. 300 Drill Seeder

Sows all kinds of seed and can be used with garden tractor.

No. 220 Fertilizer Distributor

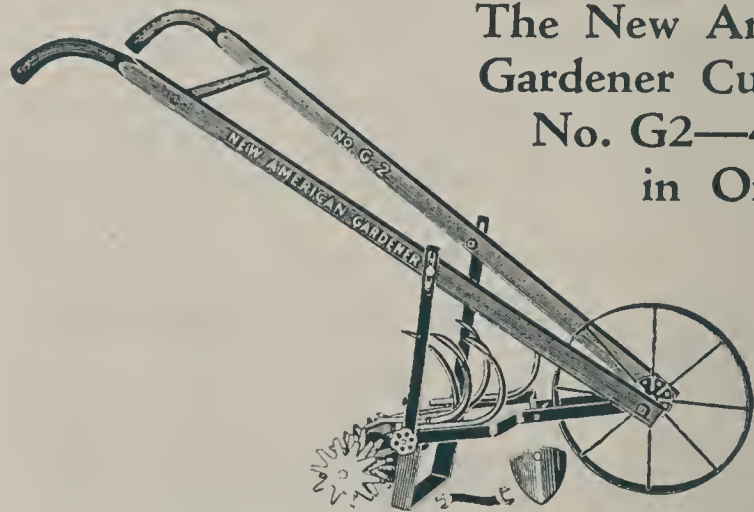
Capacity 1 bushel. Will distribute 100 to 2000 pounds of commercial fertilizer to the acre. Hopper placed well forward over wheel making lighter load and easier pushing. Feed can be opened and closed without stopping.

WRITE FOR SPECIAL PLANET JR.
GARDEN TOOL CATALOG

Barker Weeder, Mulcher and Cultivator

Kills the weeds and forms a level, porous soil mulch over a strip six inches to twelve inches wide. Just push it across the garden at a comfortable walk.

The New American Gardener Cultivator No. G2—4 Tools in One



Four, high quality tools—trenching plow, sweep, cultivator and mulcher attachment—are mounted on a revolving head; mulcher attachment interchangeable with trenching plow. Loosen the hand wheel and turn any one of these tools into position.

You can keep your garden in splendid growing condition by the use of the American Gardener once a week. Simply push this splendid tool down the rows at a good walking gait. This wonderful new Mulcher-Pulverizer is now a regular part of every New American Gardener Cultivator. This tool is attached to the head in place of the trenching plow by removing one conveniently placed nut.

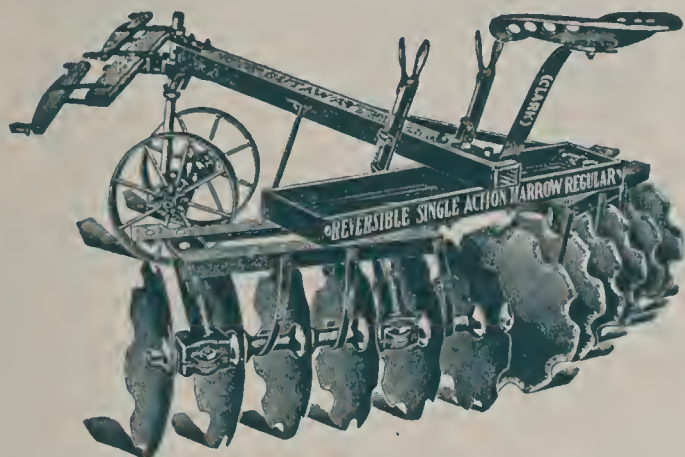
With this outfit you do not need to buy any other cultivating devices.

The soil is loosened, the sunlight and air are let in, life-giving moisture is saved, weeds are killed and plants respond in a way that will delight you. Gardening is a high speed job with this cultivator. Shipping weight 23 lbs.

Farm Implements

HARROWS

Clark's Cutaway Single Action Harrow Regular with tongue truck



The farmer takes no chances when he buys this harrow, because first of all it does the work, and tills the soil most effectively; second, the construction is rigid and gives unlimited service, and third, it is most convenient to handle.

Clark's Cutaway One-Horse Harrow

Adapted for the needs of the small farmers and fruit growers. It has 8-16-in. cut-out forged steel discs. Price on application.

Clark Cutaway Flexible Tractor Disk Harrow

Oliver Tractor Disc Harrow

Oliver Disc Harrow With Fore Truck

The Oliver Lever Spring-Tooth Harrow

One-Horse Spring-Tooth Harrow

Oliver Spike-Tooth Harrow

HORSE RAKES

The Original Yankee Rake



Some of the Leading Points of Superior Excellence
Found in the Yankee Horse Rake

Simplicity in construction, will rake anywhere, whether the fields are rough or smooth or the hay green or dry. Rake head adjusted so as to balance the weight of the teeth. This device completely prevents the teeth from dragging heavily and digging into the ground or filling the hay with dirt and dust. Teeth run level with ground at their points. Each tooth is independent in action and supplied with a yielding spring that will allow it to pass safely over any obstruction that the axle can pass over.

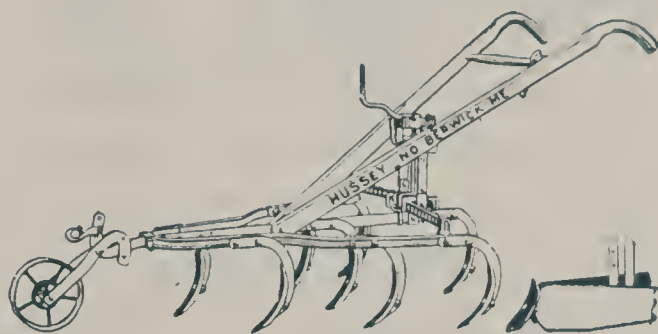
The "Genuine" New York Champion Hay Rake

CULTIVATORS

Diamond Tooth Cultivator

Teeth diamond shaped with a small cultivator tooth forged on one end. For close work every other tooth can be quickly removed. Cultivating width, when equipped with lever expander, 34 inches.

New Model Centennial Horse Hoe Cultivator



No. 8. An unusual implement combining several worthwhile features. It is built with a long frame to add extra teeth without danger of clogging. Equipped with reversible flanged points.

No. 1 model equipped with 5-3-in. points, long wings and lever and coverer combined.

No. 8 model equipped with 8-1-in. points, long wings and lever and coverer combined.

The Oliver No. 35 Riding Cultivator

POTATO HOES

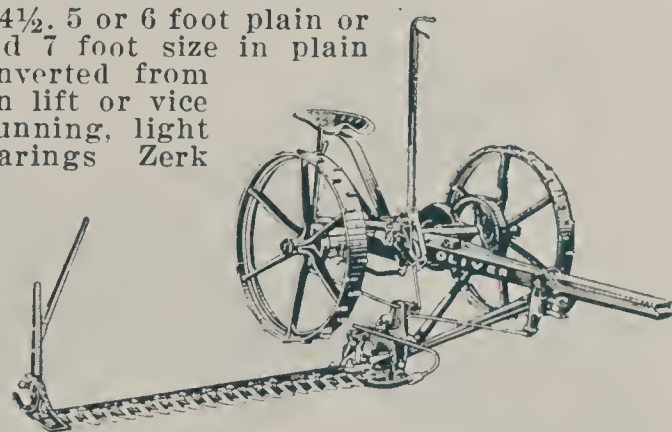
Improved Potato Hoe, Furrower, Marker and Coverer

"K & W" Improved 20-Inch Disc Potato Hoe

MOWERS

The New Oliver Mower

Furnished in 4½, 5 or 6 foot plain or vertical lift, and 7 foot size in plain lift. Easily converted from vertical to plain lift or vice versa. Quiet running, light draft, all bearings Zerk oiled. Many new and exclusive features.



McCormick's Enclosed Gear Mower

TEDDERS

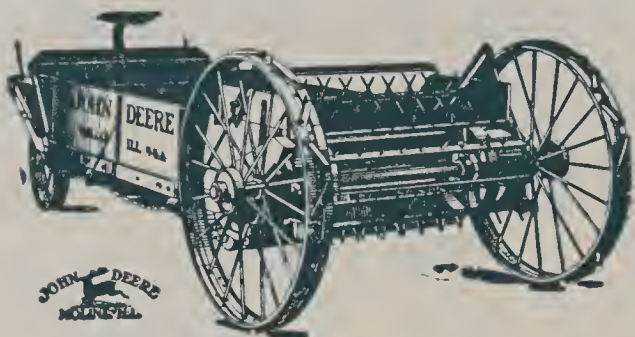
The Bullard Hay Tedder



Takes the hay from the bottom, shakes it in the air and leaves it lightly on the ground for the sun and air to complete the work of hay making. Does not shake to pieces. The crank shaft split in the middle makes it easy for the horse to turn. The forks on either side are driven independently by the wheel nearest them, so that this tedder can be turned while it works, without straining the tedder or horse, and do good work all the while.

Farm Implements

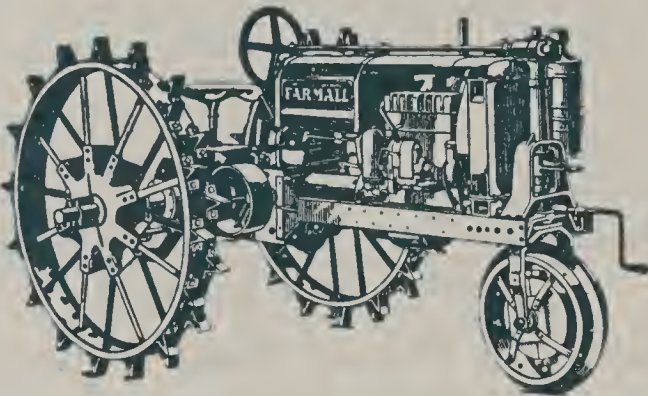
MANURE SPREADERS



John Deere Spreader
McCormick-Deering Spreader

TRACTORS

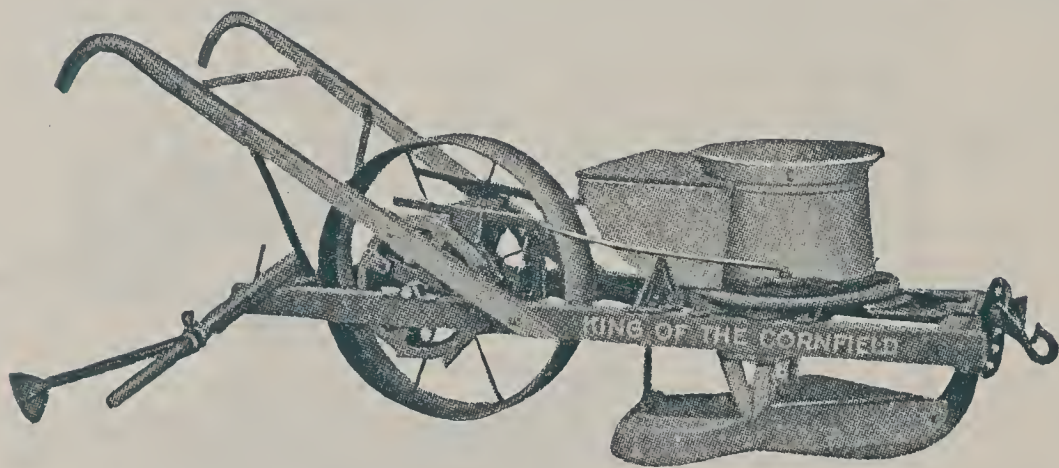
Farmall Tractors F12, F20, F30



Planet Jr. Garden Tractor

CORN PLANTERS

"King of the Cornfield"



Corn, Pea Planter, and Fertilizer Distributor

Does perfect work, not only in planting corn in hills or drills but does equally as good work planting peas, beans, and all similar seeds, putting in the fertilizer as well.

NOTE.—This type of corn planter is well known to New England farmers, but before buying a planter read the twelve big improvements.

McCormick-Deering

Two Row Planter

POTATO PLANTERS

McCORMICK-DEERING

PLOWS



Oliver Plows

Oliver Plows are regarded as the highest grade chilled plows made. There is a lifetime of satisfaction, and farmers endorse them highly.

NO. 42 AND 43 STEEL BEAM PLOWS. The construction of the mouldboard at the top makes it an easy scouring plow and is easily adapted for level or rolling land, sod or stubble.

NO. 42. MEDIUM TWO-HORSE PLOW. Capacity 7½ inches deep, 13 inches wide.

NO. 43. LARGE TWO-HORSE PLOW. Capacity 8½ inches deep, 15 inches wide.

NO. 82. LIGHT TWO-HORSE PLOW. Capacity 6x12 inches.

NO. 83. MEDIUM TWO-HORSE PLOW. Capacity 7x13 inches.

NO. 84. LARGE TWO-HORSE PLOW or medium three-horse plow. Capacity 8x15 inches.

NO. 155. LIGHT HILLSIDE PLOW.

NO. 524. REGULAR HILLSIDE PLOW.

NO. 24. ROAD AND GRADING PLOW.

NO. 25. PAVEMENT PLOW.

OLIVER TRACTOR SULKY PLOW
OLIVER REVERSIBLE SULKY PLOW

Hussey Plows

No. 100. (Wood Beam) One-Horse Plow. Cuts from 5 in. to 6 in. deep, 10 in. wide. Weighs complete, 82 lbs.

No. 102. (Wood Beam) Light Two-Horse Plow. Cuts from 5 to 7 in. deep, 12 in. wide. Weighs complete, 82 lbs.

No. 104. Medium Two-Horse Plow. Cuts from 7 in. to 8 in. deep, 16 in. wide. Weighs complete, 111 lbs.

No. 106. Large Two-Horse Plow. Cuts from 7 in. to 9 in. deep, 16 in. wide. Weighs complete, 124 lbs.

No. 108. (Wood Beam) Heavy Road or Bush Ground Plow. Cuts from 8 in. to 10 in. deep, 18 in. to 20 in. wide. Weighs complete, 190 lbs.

The Sargent No. 76 Plow

This series has proven very popular in New England. They are light weight, of good capacity, and handle easily. These plows are made with steel mouldboard.

76A—Medium Two-Horse, Cast Share, Steel Board.

76B—Light Two-Horse, Cast Share, Steel Board.

76C—One-Horse, Cast Share, Chill Board.

POTATO DIGGERS

McCORMICK-DEERING

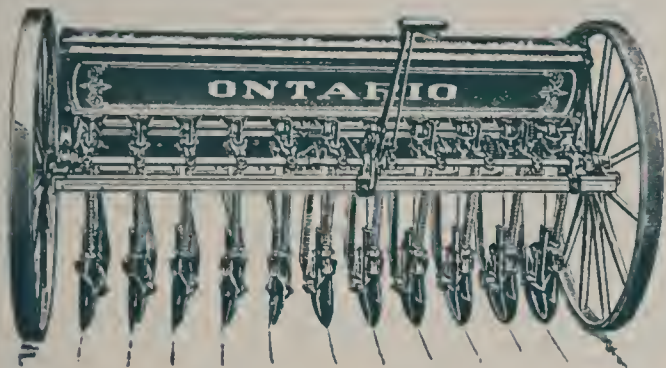


for Horse Draft

This Digger brings extra profits from potatoes by reducing digging costs. They leave the potatoes in easily gathered rows. Potatoes harvested the McCormick-Deering way are clean and unbruised, so that you can get top prices for them. These diggers are available in bar grate and rod link types; 6 foot sizes for two horses and 7 foot sizes for four horses. Come in and see these diggers before you start harvesting your crop.

Farm Implements

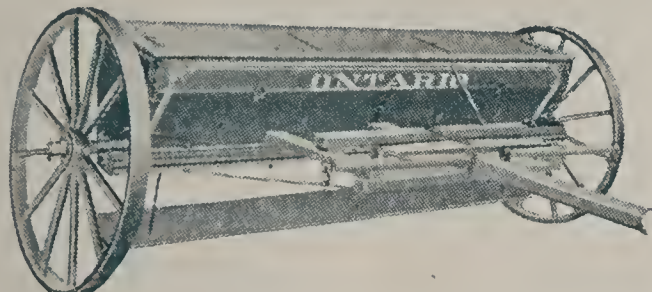
Ontario Combined Single Disc Drill



(For Sowing Grass Seed, Grain and Fertilizer)

The most popular and best adapted style of drill for the New England States. In simplicity of construction, accuracy of operation and lightness of draft, it excels any machine in the world of similar construction and recognized merit.

The Ontario Fertilizer and Lime Distributor Style H

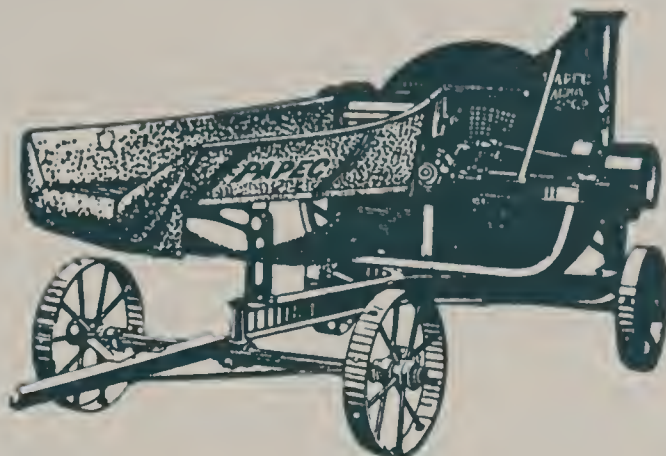


Simple, Strong, Durable Sows Broadcast
One and Two-Horse

Built to meet the demand for a simple, practical and comparatively inexpensive machine with which to distribute lime and fertilizer. The quality of the material used, the workmanship, the design and finish are all first-class. The parts are few, and are made not only with a view of efficiency, but for strength and durability. The mechanism is of the simplest form and easily understood. It is an honest, durable and practical machine, with exceptional value for the cost. Has proved a useful, handy machine for sowing dry fertilizers, such as plaster, ashes, lime, bone dust, cotton seed meal, salt, etc.

Steel Land Rollers

Papec Ensilage Cutters



No. 127. Well known for simplicity, light running and self-feeding qualities. This new Papec Cutter has a large steel feed table. Papec Cutters have semi-steel cutting wheels with a heavy steel tire shrunk around the wheel. Six fans of malleable iron are used which together with a patented blower drum adjustment, makes elevating adjustment a possibility.

Cutting knives are made of special steel.

The self-feed mechanism has a full angle slat traveling apron, heavy cast feed rollers of one piece running between the teeth in the shear plate, an upper or third feed roll steel drum working independent of feed rolls to feed bulky material to the rolls, and shear plate of special iron chilled on cutting edge.

Equipped with pipe and elbow for 36-foot silo. Tilting joint of pipe is always included. Equipment also includes extra set of cutting knives and change gears for different lengths of cut. Machines may be supplied on legs or on a 4-wheel truck.

SPECIFICATIONS

	Size R	No. 81
	With 2	With 2
	Knives	Knives
Tons per hour	2 to 5	5 to 10
Horse Power, gasoline	3 to 6	6 to 10
Horse Power, electric	3 to 6	5 and 7½
Lengths of cut, approximately ¼, ½, ¾, 1 in.	¼, ½, ¾, 1 in.	¼, ½, 1 in.

American Double Cylinder Bean and Pea Thrasher

No. 14. This machine will thrash all varieties of beans (or peas) directly from the rankest growing vines without splitting the seed. It takes all the seed from the vines and pods in a clean, marketable condition, and shreds the vines, making them valuable fodder.

Myers Sure Grip Adjustable Tandem Door Hangers

BRIDGEPORT TIRE CHAINS

PASSENGER CAR AND TRUCK

The Popular Standard Chain having tough hardened steel, brass-plated cross chains and cadmium plated rust-proof side chains fitted with easy-operating positive-locking fasteners. Packed one pair in a bag.

AUTOMOBILE TIRES

4- and 6-Ply Balloon — All Sizes

Very best quality

EAGLE 100% PARAFFIN MOTOR OIL

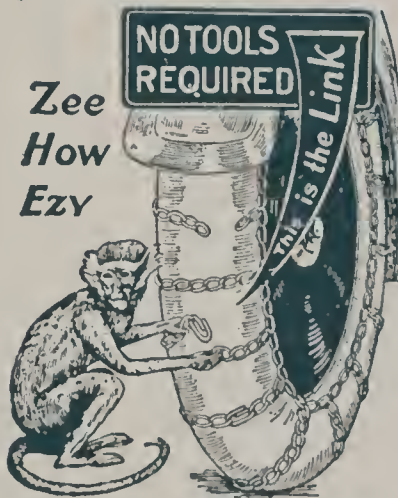
This oil is selected from the finest stocks produced in the mid-continent fields, and as shown by tests, is of high quality.

	SAE	Gravity	Flash	Fire	Vis. @ 100	Vis. @ 210	Cold	Color
10	Light	25.5	410	470	250	47		6
20	Medium	24.5	425	485	350	55		6½
30	Medium Heavy	24	440	500	500	62	30	7
40	Heavy	23½	445	510	650	70		8
50	Ex. Heavy	23½	455	520	900	85		8
60	Tractor	23	485	550		115	40	Green
70	Heavy Tractor	23	535	595		145/150	40	Green

FOR WINTER USE

The same high quality oils, thoroughly dewaxed and free flowing at temperatures below zero.

SELF-CLOSING MONKEY LINK



Trade Mark Reg. U. S. Pat. Office
Pat. No. 1,438,560

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**SEEDS AND WOODEN WARE,
DAIRY GOODS AND POULTRY SUPPLIES**

Portland,

Maine

Gladiolus for 1938



Betty Nuthall



Picardy

Bagdad. Very large flowers which are uniform in opening. A vigorous grower, producing large spikes of smoky old-rose flowers which are lighter in the throat. 6 for 30c.; 12 for 50c.; 100 for \$3.60.

Betty Nuthall. One of the most vigorous growers, often producing several spikes from one corm. The immense florets are salmon with orange throat. 6 for 30c.; 12 for 50c.; 100 for \$3.60.

Bill Sowden. A gorgeous large-flowered variety, producing stately spikes with large, deep blood-red florets. 6 for 35c.; 12 for 65c.; 100 for \$4.80.

Bleeding Heart. This is a very striking variety. The plants are vigorous and floriferous, bearing large white flowers, tinted pink, with a big red blotch. 6 for 30c.; 12 for 55c.; 100 for \$4.00.

Commander Kochl. Very large, open blooms of a brilliant scarlet or blood-red, without markings or blotches. Very desirable. 6 for 35c.; 12 for 65c.; 100 for \$4.80.

Debonair. The plants are vigorous, very tall and upright, producing large spikes with beautiful, large La-France-pink blooms, having a cream throat. 6 for 30c.; 12 for 55c.; 100 for \$4.00.

Duna. A very outstanding variety bearing large, beautiful, soft light pinky buff florets. One of the most desirable buff varieties. 6 for 30c.; 12 for 55c.; 100 for \$4.00.

Edith Robson. Quite outstanding. Plants are very tall and strong-growing, bearing large spikes with salmon, red-blotched flowers. Frequently ten florets are open at the same time. 6 for 30c.; 12 for 55c.; 100 for \$4.00.

Golden Cup. A gorgeous, vigorous, floriferous variety. The spikes are strong, straight, bearing large florets of a beautiful clear deep yellow. 6 for 30c.; 12 for 50c.; 100 for \$3.60.

Mammoth White. One of the best large, white-flowered varieties. The huge, pure alabaster-white florets are often 6 inches in diameter. Very desirable. 6 for 35c.; 12 for 65c.; 100 for \$4.80.

Minuet. This is considered by many growers to be the best clear pinkish lavender variety. The plants are vigorous and the florets are large. 6 for 35c.; 12 for 65c.; 100 for \$4.80.

Pelegrina. The richest and deepest blue-flowered variety. The plants are strong, upright, and floriferous, while the florets are an intense violet-blue. 6 for 30c.; 12 for 55c.; 100 for \$4.00.

Picardy. A most beautiful and outstanding variety with immense spikes of rich salmon. The florets are extremely large and slightly ruffled. 6 for 30c.; 12 for 50c.; 100 for \$3.60.

Pinnacle. Really a gorgeous Gladiolus which is adapted for exhibitions. The tall plants are very vigorous, with beautiful, showy rose-pink flowers. 6 for 30c.; 12 for 55c.; 100 for \$4.00.

Wasaga. A new variety which is very popular. The florets are a very distinctive shade of buff. It is really outstanding. 6 for 30c.; 12 for 50c.; 100 for \$3.60.

Superb Mixture. In this mixture we have utilized many of the best new and standard varieties. The bulbs are all No. 1 size and of the best quality. A wonderful range of colors. 6 for 25c.; 12 for 40c.; 25 for 75c.; 100 for \$3.00.



Minuet



Commander Koehl

K. & W. Pine Tree Special Gladiolus Collection

This Collection contains one each of the above named varieties, which will make a colorful display in the garden. All bulbs offered are first size and of the highest quality.

COLLECTION No. 1. One bulb each of the 15 varieties, 75c

COLLECTION No. 2. Three bulbs each of the 15 varieties, \$2.00

Five Beautiful Annuals

FOR EVERY GARDEN

Here are five new Annuals that we believe are about as useful as any we have seen in a long time. Whether you wish for long-lasting cut-flowers for the house or beds of lovely color in the garden, the answer is on this page. We recommend them highly.



CALENDULA
Orange Shaggy
Pkt. 15c



MARIGOLD, Harmony. Pkt. 15c



ZINNIA linearis. Pkt. 15c



CALLIOPSIS, Golden Crown. Pkt. 20c



PETUNIA, Blue Bedder
Pkt. 10c

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Established 1858

Federal and Temple Sts. PORTLAND, MAINE

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